



The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2.

Registered as a Newspaper

3462
XLV

JUNE 15, 1946

Annual Subscription (with
Diary) 25/- Single copies 9d.

SCIENCE AND
PHARMACY SERIES

No 43

1452 . . . 1519

Leonardo da Vinci

A monument in the vision of mankind—as deathless a name as Beethoven or Shakespeare.

His glory as a painter has overshadowed his other extraordinary talents of Scientist and Sculptor, Anatomist and Architect, Musician and Mathematician, Military and Civil Engineer.

Sound waves, the composition of air, fossils and evolution, levers, perpetual motion and other principles of mechanics, flying machines, tanks and parachutes and diving dresses, buildings, bridges, canals and fortifications, hygrometers and grinding machines, reflect only a part of the ubiquitous realism far ahead of his time.

BURGOYNE BURBIDGES

Established 1741 & COMPANY LIMITED, LONDON, E.C.



Index to Advertisers pp. 5 & 6.

TYROTHRIN

P., D. & Co.

A Bactericidal Agent for Topical Use

●

TYROTHRIN is a natural bactericidal agent, containing the two principles tyrocidine and gramicidin obtained from the aerobic spore-bearing bacterium *Bacillus brevis*. It is effective against Gram-positive organisms including staphylococci and streptococci and is used only for topical application.

Tyrothricin (P., D. & Co.) is supplied as a 2 per cent solution in alcohol, and for general clinical purposes each c.c. is diluted with 60 c.c. of sterile distilled water. It is usually applied by means of wet packs, kept constantly saturated ; or by irrigation.

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●

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Inc. U.S.A., Liability Ltd.

S U M M E R

Problem

A N D

Answer

Long days and warm evenings can be made miserable for people who suffer from bites and stings. And there's always the danger of these minute punctures becoming septic. Many a customer will ask your advice as to "the best thing to do."

COMMEND

Milton

FOR BITES AND STINGS

Milton gives instant and safe relief from pain and irritation and prevents septic complications developing. It is easy and cleanly to apply, and has many other uses too. Tell your summer customers to keep Milton always handy—in the home, in the handbag, suitcase or rucksack—and they will be ready to cope with emergencies, not only bites and stings but cuts, grazes and sore throats too.

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for the treatment of Psoriasis, Chronic Eczema, Alopecia Areata, Tinea and other fungal infections of the skin.

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Tubes of 1 drachm. Tubes of 2 ounces

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& CO LTD

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Crookes Halibut Oil



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CROOKES HALIBUT LIVER OIL
Standard Parcels of Drops or
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	Bonus	Sell S/-	£ s. d.
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1. Bonus in kind will be allowed only when one or more standard parcels G, H, J, K, L, M are ordered.
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Personal daintiness and complete self-confidence as well as the solution of problems which have previously caused general nervous tension amongst women, follow the choice of Rendell's Products for feminine Hygiene. This important subject is objectively discussed in Nurse Drew's booklets, "Hygiene for Women"—from any chemist. If you prefer write direct to.

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APPROVED BY DOCTORS
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Be guided by
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ANTI-COLIC. RECOMMENDED BY HOSPITALS, DOCTORS AND NURSES

Ball Top, one-hole perforation, ensuring constant and steady flow.

Bumper shoulder protects baby's mouth.

Tab enables teat to be slipped over bottle in an instant with minimum handling.



General Resiliency MAKES IT NECESSARY FOR BABY TO WORK JAWS THEREBY RESEMBLING THE NATURAL NIPPLE.

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Will stand Repeated STERILISATION.

MODERN in design and must be TRIED to be appreciated.

NEAREST TO NATURAL FEEDING

"MODERN" Teat has been specifically designed to meet the needs of both MOTHER and BABY, and what is of vital importance in these days—it LASTS LONGER. It is hygienic, odourless and tasteless.

Fixed Retail Selling Price 6d. each Obtainable of all Wholesalers

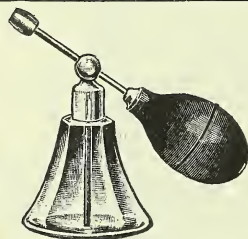
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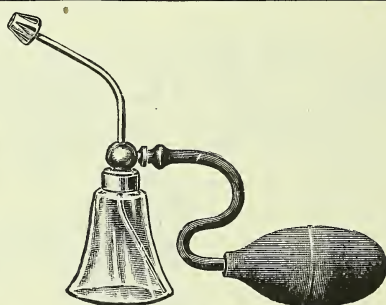
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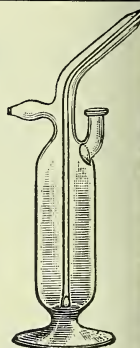
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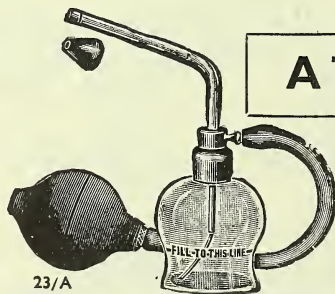
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121 High Street, SLOUGH, BUCKS

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unlimited.
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In constant demand!



PATA

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Founded 1839



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This attractive tin with its solid background of quality, popularity and publicity is a regular source of income to the stockist.

Retail Price: 7½d. per tin. P.A.T.A.

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TIME to do the important things

- ★ TO TAKE STOCK
- ★ TO FILL PRESCRIPTIONS
- ★ TO CLEAN SHOP

A forty-eight hour day would solve much. It might simplify staff shortages, quotas and restrictions that give no time for planning ahead.

In your increased leisure you could learn how mineral deficiency, affecting the great majority of your customers, is being combated by CALFOS, which supplies the vital minerals, calcium and phosphorus, in their most assimilable form, with *all* the minute trace elements found in normal healthy bone.



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Boxes of 120's:

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P.A.T.A.

*These Vital Minerals Build Bone
& Teeth and Preserve Good Health*

CALFOS LTD.

IMPERIAL HOUSE . KINGSWAY . LONDON . W.C.2

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CONTAINING D.D.T./GEIGY
(POWDER & LIQUID)

As Insecticide Specialists for over 40 years—Contractors to H.M. Government during the War and since—you can rely on these products being of the highest quality—resulting in the quick est, as well as the highest, possible kill of all insect pests. They bring maximum sales and REPEAT business.

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LIQUID	3/-	6/-	15/-
POWDER	1/3	7/6	

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& YOUR BANK'S NAME INVITED

ARGOTONE + DELTAMIN

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The Best and Safest Infants' Medicine of
150 years' standing

Does not contain any Scheduled Poison

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13 WESLEY ST., C. on M., MANCHESTER

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REGD. TRADE MARK

BRAND

PROTEIN HYDROLYSATE

for Peptic Ulcer

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Available in 500-gm. tins.

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11/-	16/6

* Gastroenterology 1945, **4**, 375.

Gastroenterology 1945, **5**, 5.

† Am. J. Dig. Dis. 1942, **9**, 354.

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Telephones: Holmes Chapel 3112

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Fold cases flat, flaps inside, tie up. Ready addressed, gummed labels obtainable from our travellers, or direct from us. Up to 15 lbs., by post (*state cost on label*). Over 15 lbs., by rail, *c/fwd* (*or state cost on label*).

ANDREWS

SCOTT & TURNER, LTD.
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T9



The DOUBLE STRENGTH *Health Salt*

Now available
in Tins in good
quantities

Now available in attractive tins in good quantities, and again extensively advertised throughout the country NEVILLE'S Effervescent Double Strength Health Salt will be in bigger demand than ever. Make sure of your share of the increased turnover and profits by ordering now!

RETAIL PRICE: 1/9d. Incl. Tax.

COST PRICE: 14/- per. dozen,
plus 16 2/3% P. Tax

Multiples of 3 and 4 dozen Carriage Paid

NEVILLE'S EFFERVESCENT DOUBLE STRENGTH *Health Salt*

Made by:

HOUGH, HOSEASON & CO. LTD.

Manufacturing Chemists

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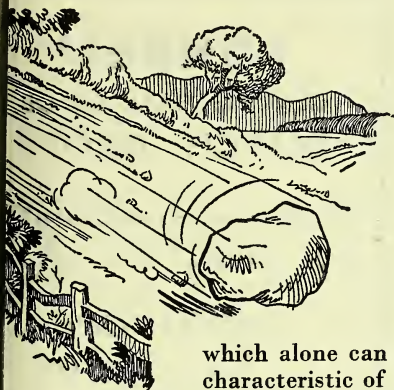


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PATA

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BENGU



A Rolling Stone

... gathers no moss — true, but in tablet coating it's the rolling tablet that gathers the sugar. More important in producing a perfect tablet coating is the skill which controls the process — skill

which alone can give that fine appearance so characteristic of all our coated products.

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PATA

2/3 & 3/9 per tube



This popular line is again being

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the Seventeenth
 Chairman, Mr. E. O.
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50 years of service

M. W. *Cind*

TABLETS AND PILLS

LOZENGES, SUPPOSITORIES
 & GENERAL PHARMACEUTICAL
 PREPARATIONS


EXPORT INQUIRIES
 INVITED

ESTD. 1894

MATTHEWS & WILSON LTD
 6-8 COLE ST. LONDON S.E.1.

FORBES'

GENUINE HAARLEM OIL
DUTCH DROPS

9d. size — 4/- doz. 

1/3 „ 2-oz. 7/6 „

CAPSULES (36's)

1/5 Retail, 11/- doz.

Plus Purchase Tax

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BROOK, PARKER & Co. Ltd
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Retail Chemists who have
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 Sticks should seriously con-
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 or direct from

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★ SURE-SELLING STOCK!

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THE ORIGINAL

WIDOW WELCH'S FEMALE PILLS

● 9d. BOX PROFIT by ordering 1 dozen
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BRITISH ALKALOIDS LIMITED.

(MANUFACTURERS OF T.C.P.)

At the Seventeenth Annual General Meeting of the Members of British Alkaloids Ltd., on June 6th, Chairman, Mr. E. OSWALD TOFT, F.C.A., F.S.A.A., F.T.I., made the following speech :
FITS MAINTAINED.

The accounts for the year ended 31st March, 1946, which are presented herein, reflect to a large extent the state of trading during the period in which hostilities had practically ceased. As the Directors anticipated in the report published 22nd January, 1946, in compliance with the requirements of The Council of the Stock Exchange, when, upon permission to deal in your Company's issued Share Capital was sought and obtained, the Trading Profit is slightly lower at £166,911 0s. 0d. compared with £170,944 0s. 0d. last year. That the reduction in this figure should be of such small dimension I consider very satisfactory, having regard to the difficulties to which we refer later.

It will be observed that the current Profit and Loss Account and Balance Sheet have been drafted in accordance with modern practice. Compared with previous years the Balance Sheet now shows Capital, Reserves, Liabilities, Assets appropriately grouped. The Profit and Loss Account discloses the revenue of the Company for this year plus the balance to the credit of the Profit and Loss Account at 31st March, 1945, less charges, and all appropriations for Reserves and for Dividends paid and proposed in respect of this current year. The carry forward from the previous year amounts to £3,831 7s. 8d. which together with the balance of the Trading Profit of £166,911 7s. 4d. makes a total of £170,742 15s. 0d. which after charging Directors' additional remuneration for the year ended 31st March, 1946, of £4,682 8s. 8d. leaves a balance of £166,060 6s. 4d. from which the following appropriations have been made :— £100,000 for Advertising Account written off £29,075, Transfer to General Reserve £3,000, Transfer to Reserve for Pensions £2,000, Provision for Taxation £110,000, Interim Dividends less Income Tax paid 23/10/45 £5,049 11s. 11d. £149,124 11s. 11d.

STAFF PENSIONS.

The allocation of £20,000 0s. 0d. as a Provision for the payment of Staff Pensions is a new feature, and will be to reward the working staffs for long and faithful service with your Company. This Provision will provide an addition to the existing Staff Pension Scheme to which the Company contributes, and it is the Directors' intention to add to this item out of future profits. Otherwise the appropriations are in accordance with policy established by your Board in previous years. The amount appropriated for taxation viz. £110,000 0s. 0d. is the total provisions standing in the Balance Sheet of £111,124 15s. 2d. to cover the estimated Excess Profits Tax liability for the year to 31st March, 1946, of £91,124 15s. 2d. plus £20,000 0s. 0d. for the estimated Income Tax payable for 1946/47 on the profits made by the Company for the year ended 31st March, 1946. The decrease in the Excess Profits Tax from 100% to 60% as from the 31st December, 1945, makes the average rate payable to the Company 90% and this relief is favourably reflected in the profits available for distribution. It will be observed that the appropriations, which total £149,124 11s. 11d. there is a balance to the credit of Profit and Loss Account of £6,935 14s. 5d. available for the payment of the final dividend which your Board now recommend of 24.298% less tax on the amounts paid up on the 8% Participating Preference Shares making 34.298% less tax for the year of 45% less tax on the Ordinary Shares making 60% less tax for the year. These dividends will account for 196 18s. 0d. and are debited in the Profit and Loss Appropriation Account before you and, if approved, warrants be posted to Shareholders on the 7th June, 1946. It is proposed to carry forward the balance of £1,238 16s. 5d., which amount remains after making full provision for Directors' additional remuneration under Article 95, payable in respect of the current year.

For those of you who are interested in comparative figures I would mention a point of some significance, which is that the total net distribution of dividends this year amounts to £20,746 9s. 11d. and can be compared with the highest net dividend of £21,230 7s. 5d. on the same amounts of share capital paid in respect of the year ended 31st March, 1939.

RESERVE POSITION.

My remarks so far refer mainly to the Profit and Loss Account, and I now ask you to consider the Balance Sheet.

Issued Capital shows no change : The General Reserve after this year's appropriation stands at £43,000 0s. 0d. At the 31st March, 1946, the Company has received the Excess Profits Tax Post-War Refund due to the 31st March, 1946, of £38,236 13s. 3d. This amount added to the Company's Reserve Account of £43,000 0s. 0d. totals £81,236 13s. 3d. equivalent to 104.7% of the Company's Paid-Up Share Capital. Deferred Repairs Account which stood at £4,325 0s. 0d. at the end of the year shows an increase of £496 3s. 4d. to £4,821 3s. 4d. Sundry Creditors are up by £5,631 18s. 7d. to £109 8s. 1d. compared with last year. On the Assets side of the Balance Sheet increases will be noted in Fixtures, Fittings and Equipment, and Plant and Machinery. Motor Vans after providing for the usual depreciation are shown at an increased value of £852 due to the purchase of an additional van during the year. Stock in Trade at 31st March 1946 is £2,967 7s. 4d. greater than a year ago although difficulties continue in obtaining supplies for raw production. Sundry Debtors show an increase of £14,195 16s. 5d. compared with last year after providing for bad Debts which are estimated to be of negligible proportions. Tax Reserve Certificates amount to £105,000 0s. 0d. This figure is £15,000 0s. 0d. lower than a year ago. The 1945/46 Income Tax and Excess Profits Tax for the year ended 31st March, 1945, have been agreed and paid so that the whole of this investment of £105,000 0s. 0d. is available as a cash provision for our current tax liabilities.

Cash at Bank and on Hand amounting to £17,987 17s. 6d. is ample for working capital.

The current year embraces the period during which all the enemy nations capitulated and there has been a fundamental change in the Government of this Country. We have not been confronted with the problems of adjusting our production from war to peace-time needs, but throughout the year staff shortages have persisted, and to which there has been a diminution in supplies of essential materials dating from the end of the war. These shortages, I regret to say, have permitted only partial fulfilment of the demand for our products for some time. Nevertheless, there has been but a very small percentage decrease in turnover for the year and I would again pay tribute to all concerned in production and direction for their splendid work under most testing conditions.

PORT OUTLOOK.

In the national interest, every endeavour has been made to fulfil the orders for our products from abroad. There is no doubt in the minds of the Directors that our overseas sales could be readily increased, providing that in the next year we are allowed to obtain the plant and building licences so vital in order to carry out plans for expanding production and that the hoped for increase in supplies of essential materials takes place.

As I have already intimated, demand for our preparations continues at a high level, but I am glad to be able to say that signs are not lacking that we may be in a better position before long to meet this demand than we have been during the year covered by these accounts.

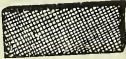
This is a matter which will be of special interest and concern to our friends the Wholesale and Retail Chemists. I would like to express our very sincere appreciation to them for the forbearance they have shown during the year.

Our Policy


with regard to all our products has consistently been one of giving satisfaction to each and every member of the public who buys them, or of refunding the purchase price.

This "money refund" does not in any way inconvenience the chemist but it **does** enable those who purchase our medicines to say to themselves "I'll see if so-and-so will do me any good," and the chemist to recommend our lines with greater confidence.

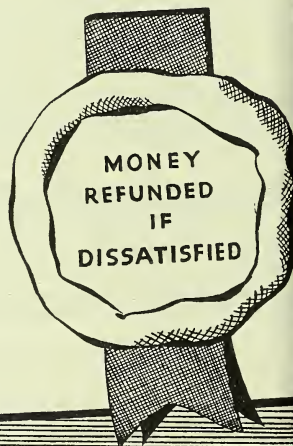
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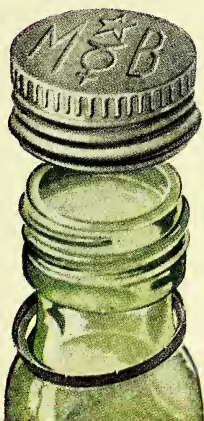


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For application to wounds and burns, these are now issued in the specially adapted container shown above. The sterilised contents are safeguarded against contamination by the hermetically sealed closure which cannot be opened or even loosened without the fact being clearly and immediately revealed by the aluminium drop ring. The capacity of this container is greater than those previously issued, necessitating a revision of the prices, which are now as follows:—

- 'M & B 693' brand sulphapyridine Sterilised Powder,
containers of 15 Gms. - 3s. 9d.
- 'THIAZAMIDE' brand sulphathiazole Sterilised Powder,
containers of 15 Gms. - 4s. 0d.
- 'THIAZAMIDE' Sterilised Powder, with 1 per cent. Proflavine
Hemisulphate, containers of 15 Gms. - 4s. 3d.
- SULPHADIAZINE—M & B Sterilised Powder,
containers of 10 Gms. - 4s. 3d.

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P. A.



T. A.

15, 1946

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ASH
and



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Cream of Calamine

Don't you prefer something that *really* does give relief from skin complaints? ESOBAN Cream of Calamine, the most recent advance in calamine treatment incorporates the natural skin oils (unsaturated fatty acids) of ESOBAN OINTMENT and has many advantages over ordinary calamine preparations. Promptly relieves irritation — soothing to the most sensitive skin. Advertised to doctors and nurses for

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4 oz. bottle **2/6** (inc. Pur. Tax)

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Your profits grow with its increasing
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Scalp Remedy.



An Admirable
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A number of wholesale houses have already received some of the cards. Others are invited to ask for them.

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SELECTA LIQUID MAKE-UP DYE

The Original and only Concentrated Dye complete with all necessary suspension agents.

One packet makes 4 gallons of superior Liquid Make-up in 5 minutes. Usual retail price 1/6 per 2-oz. bottle.

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 18/- per pkt.

Complete with instruction leaflet.

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Gives fast and even tans in

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SPRAY: A combination of "D.D.T." (Geigy) with its killing power of prolonged duration and Pyrethrum with its immediate action, in Hydrocarbon Oils.

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Antiseptic Content 0.25% + Aq. Chlorof.

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"Ambretan Poudre" Perfumed liquid leg
tan, in component form.

Price 5/- per lb. plus 100% Tax.

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tan. In three shades Light, Medium and
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Price 10/- per lb. plus 100% Tax.

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dependabl
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Introducing

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CONTAINS D.M.P.



This summer sell your customers a new *effective* repellent, giving dependable personal protection against flies, gnats, midges, mosquitoes and other troublesome winged pests.

'SKETOFAF' brand **LIQUID INSECT REPELLENT** developed from wartime research has a faint, pleasant fragrance and is supplied in capsule form, each containing sufficient for one application (lasting at least four hours).

Boxes of 12 capsules 2/6, plus 4d. purchase tax.

Boxes of 72 capsules (for counter sale at 3d. per capsule)

12/6, plus 1/7 purchase tax.

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NEWS OF THE WEEK

North British Executive Election.—Voting papers for the election of the Executive of the North British Branch of the Pharmaceutical Society must be received at 36 Mark Place, Edinburgh, by 4 p.m., June 26. Forty-five candidates are contesting for fifteen seats on the executive.

Distribution of Hearing Aids.—An announcement made in the House of Commons on June 5 concerning a Government-sponsored deaf aid disclosed that the instrument will be manufactured as a Government monopoly and distributed free to all who need it. Free supply was expected to commence in 1948. Until then the instrument could be available at cost price (about £10) through hospitals. Free maintenance, servicing and batteries would be available except when made necessary by carelessness or misuse.

Pharmaceutical Conference Arrangements. The British Pharmaceutical Conference to be held this year in London on July 16-17, under the chairmanship of Dr. B. A. Bull, Ph.C. A new feature in the conference is the symposium session,

at which pharmaceutical aspects of penicillin will be discussed. Applications for tickets should be made before July 5 to the Joint Secretaries, British Pharmaceutical Conference, 17 Bloomsbury Square, London, W.C.1. The price of two-day tickets is £3 3s. inclusive.

Penicillin on N.H.I. Scripts.—Regulations made recently by the Minister of Health provide that a chemist shall not dispense a National Health Insurance prescription requiring the manufacture by him of a preparation of penicillin for parenteral injection unless he holds a licence for the purpose under the Therapeutic Substances Act, 1925. The regulations are to be known as the National Health Insurance (Medical Benefit) Amendment Regulations (No. 2), 1946. Copies may be obtained from H.M. Stationery Office, price one penny.

Quinine Preparations in Codex.—The Council of the Pharmaceutical Society, at its meeting on June 4, approved the recommendation of its Codex Revision Committee to amend the requirements of the Fifth Supplement of the British

Pharmaceutical Codex in respect of the quinine content of Codex preparations. The approved recommendation is that the authority given in the Fifth Supplement to omit quinine is withdrawn, with effect from September 1. The following preparations must, from that date, contain quinine in accordance with the formulas in the British Pharmaceutical Codex, 1934, and an alternative preparation may not be dispensed when a preparation containing quinine is prescribed.

Extraction Malti Liquidum cum Quinina et Strychnina.

Glycerinum Hypophosphitum Compositum.

Liquor Quininae et Strychninae.

Pilulae Ferri Phosphatis cum Quinina et Strychnina.

Pilulae Ferri Valerianatis Compositae.

Pilulae Podophyllini et Quininae.

Syrupus Ferri Bromidi cum Quinina.

Syrupus Ferri Bromidi cum Quinina et Strychnina.

Syrupus Hypophosphitum Compositum.

Syrupus Triplex.

Tabellae Ferri Phosphatis cum Quinina et Strychnina.

Tabellae Hypophosphitum Compositae.

Tabellae Hypophosphatum et Hypophosphitum Compositae.

Tinctura Antiperiodica.

Refunds of Insurance Contributions.—An Order issued by the Ministry of National Insurance (S.R. & O., 1946, No. 764, H.M. Stationery Office, price one penny), restores the provisions for refund of Unemployment contributions paid in error that were suspended at the outbreak of war.

Wembley Penicillin Demonstration.—Lectures on penicillin dispensing given by two members of the Wembley Branch of the Pharmaceutical Society who had attended a course at the Society were illustrated by a demonstration given by Miss M. G. Steer at a meeting of the Branch recently. Mr. E. Ratcliff presided.

Powers of a Research Body.—An alteration in the objects of the British Association of Research for the Cocoa, Chocolate, Sugar, Confectionery and Jam Trades, empowering the association to work with food manufacturing, processing, preserving or preparing trades or industries and other allied trades or industries, has been confirmed in the Chancery Division.

Chester Visit.—The new factory of Evans Medical Supplies, Ltd., Speke, nr. Liverpool, which, it is stated, will become the largest

and most modern drug plant in the north of England, was the destination of a visit by members of the Chester Branch of the Pharmaceutical Society recently. After the visit, Mr. I. V. L. Fergusson (manager), Mr. O. N. T. Davenport, and other members of the staff entertained the visitors to dinner. (Picture p. 754).

Brush Design Suggestion.—The Council of Industrial Design has designed a quarter figure for the brush section of the forthcoming "Britain Can Make It" exhibition and is anxious to find a manufacturer to make it. The figure represents a sort of monster insect made up of various brush types and consists essentially of a bent hard wood body filled with scrub tufts at one end. The British Manufacturers' Association is inviting its members to make up the figure for the exhibition.

Importance of Protein Chemistry.—Robert Robinson (president of the Royal Society) in an address arranged as part of the bicentenary celebrations of Middlesex Hospital recently, said that there was room in this country for an institute of protein chemistry similar to that of the Harvard University. Nucleoproteins were probably keeping one of the secrets of life itself. Knowledge of proteins synthesis would be of the greatest consequence to the human race, and might show the way to the conquest of cancer. The biologist and the chemist were approaching one another at the level of proteins and viruses.

Yorkshire Public Pharmacists.—A visit to the plant of Pharmaceutical Specialities Ltd., Dagenham, Essex, was one of the objects of a two-day excursion arranged for members of the Yorkshire Branch of the Guild of Public Pharmacists recently. After the visit the party was entertained to tea by members of the company's staff. The following day the manufacturing laboratories of the University College Hospital were visited. At the annual meeting of the Branch recently the following officers were elected: *Chairman*, Miss E. Qualtrough; *Vice-chairman*, Mr. M. Ashley, Ph.C.; *Secretary and Treasurer*, Miss D. M. Bellamy; *Auditor*, Miss J. Speed; *Trustee*, Mr. A. N. Stephenson; *Branch Committee Member*, Miss D. Bellamy.

Research Exhibition Opens.—An exhibition of chemical research organised by Imperial Chemicals, Ltd., was opened recently by Sir Robert Robinson (pres-

IRISH NEWS

June Soap Coupons.—For the month of June the soap coupons to be used by domestic consumers are marked "Gallunach Soap" and bear the number 25 on p. 21 of the general ration book.

Alcohol from Beet.—The Irish Alcohol Company will use beet for the first time for producing industrial alcohol when the three factories at Carrickmacross, Cooley (nr. Dundalk), and Labbash (co. Donegal), go into production in the autumn. Hitherto potato crops have been used.

Ulster Chemists' Golf.—The Ulster Chemists' Golfing Association held its annual meeting at Donaghadee on June 5. In the final of the McMullan Cup (for chemists) Mr. J. C. Watt, Bangor, beat Mr. H. C. McCracken, Banbridge, by 5 and 3. In the competition for members not eligible for the cup, Mr. Hugh Rankin, Belfast, beat Mr. W. B. Groves, Belfast, 2 up. The afternoon bogey competition was won by Mr. G. F. C. Balmer, Bangor, 3 down. Mr. E. Allan, Holywood, and Mr. T. McCann, Castlewellsan, 5 down, tied for second place. At the annual meeting of the Association Major F. A. McMullan took the chair. Mr. F. A. McMullan, sen., was re-elected *President*, and Major McMullan's name was added to the list of *Vice-presidents*. The other office-bearers were re-elected. Votes of thanks were passed to the Donaghadee Golf Club and to the donors of the various prizes.

of the Royal Society). The object of the exhibition said Sir Robert, was to show what had been accomplished with Britain's relatively small resources, and to demonstrate the virile quality of the British chemists. Sir Wallace Akens (research director of I.C.I.) was among other speakers at the opening ceremony. The exhibition deals with a selected number of topics including penicillin, Paludrine (antimalarial), Methoxone (selective weed killer), Chmxane (insecticide), Ardil (fabric material), and new plastics. A feature of the exhibition is the use which has been made of plastic materials in designing the displays. (Picture, p. 754).

Mr. Mallinson at Birmingham.—Mr. G. A. Mallinson (secretary of the National Pharmaceutical Union), in an address at a special district meeting of the Union in Birmingham recently, said that pharmacists must see that an efficient full-time service is provided under the National Health Service, including evening and night dispensing. The number of prescriptions should be increased between two and three times the present number. In reply to a question by Mr. M. R. Turner during the discussion later, Mr. Mallinson said that a one-mile limit for dispensing in country areas might go in favour of a messenger service. Mr. H. H. Marshall (chairman), proposing a vote of thanks to Mr. Mallinson, congratulated him on completing twenty-five years' service with the Union: Messrs. Martin and Warner supported.



CHESTER CHEMISTS AT SPEKE.—Members of a party of Chester chemists who visited the new works of Evans Medical Supplies, Ltd., Speke, Liverpool, recently (see opposite page).

LEGAL REPORTS

£60 Fine for Saccharin Offences.—For having failed to keep records of sales of saccharin tablets, and for having sold them above the maximum price, George Henry Pinnell, Commercial Street, Pontnewydd, Mon, was fined a total of £60 at Pontypool magistrates' court recently. The prosecution said there were no invoices for 262 gross packets of 100 tablets each. Pinnell had advertised in various papers and sold for £5 8s. tablets that should have been sold for £4 4s.

Purchase Tax Charges.—Stated to have been recently discharged from the Royal Air Force after service overseas, Maurice Archer, 48 Watcombe Road, West Southbourne, Bournemouth, was, at Clerkenwell magistrate's court on May 28, fined £100, or three months imprisonment, and ordered to pay £21 costs, for failing to register for purchase tax purposes when carrying on business that required to be registered. On summonses of being knowingly concerned in the fraudulent evasion of purchase tax in respect of toilet preparations and jewellery, and, with intent to deceive, making use of false invoices, he was sent to prison for three months. No time to pay the fine and costs was given, and it was stated that, if the fine was not paid, the alternative of three months would be consecutive to the other sentences, so that he would then do six months in all. He pleaded guilty to the summonses. For the prosecution, it was alleged that defendant commenced trading early in 1944, and by May 31 of that year his takings had exceeded £500. He then became liable to register for purchase tax purposes but failed to do so, and had thereby become liable to penalties amounting to a total of £5,340. His cash turnover was £1,565 and, of this amount, £780 was money collected from his customers in respect of purchase tax, which he had failed to pay over to the revenue. Defendant had included on his invoices (said counsel) a printed statement that the prices were subject to purchase tax, and he did in fact collect the tax from the purchasers. He used false names on the invoices, trading in the names of Miller Bros. and N. Gilbert, and used false addresses. In some cases a rubber stamp was used to represent that purchase tax had been paid. When defendant was interviewed he admitted what he had done, but said he got the perfumes, invoices and rubber stamps from a man named Toms and that he had sold the goods over the counter for cash.

Purchase tax was charged in order to indicate to the purchasers that the business was being carried on properly. Counsel said that the cosmetics, which were sold under "expensive French names," were in reality "complete trash." The other man from whom he said he obtained them had been sent to prison for similar offences.

INQUESTS

Death from Infected Wart.—Infection from a burn caused by applying acetic acid to a wart on a finger was stated at Doncaster recently to have caused the death of Enid Tharme, factory hand, Fishergate, Doncaster. A verdict of "accidental death" was recorded.

Open Verdict.—At an inquest held at North Staffordshire Royal Infirmary recently, an open verdict was returned on Mrs. Mary Godwin, Newcastle. Mrs. Godwin was discovered unconscious by her husband. A daughter gave evidence of finding two empty tablet tins, one bearing the name of a Rhyl chemist. An analyst reported finding a trace of allylisopropylacetylurea. The coroner said the law required that he should return an open verdict; he emphasised that it was dangerous to take the preparation except under medical supervision.

Caustic Soda for Liver Salt?—Confusion between a tin of liver salts and a tin of caustic soda was suggested as a possible cause of the death of Norman Mather, which was the subject of an inquest at Liverpool recently. The coroner, recording an open verdict, stated that Mather died from toxæmia following the drinking of caustic soda solution. He felt that there was a distinct possibility that the taking of the caustic soda might have been accidental. The man's father said his son was in the habit of taking liver salt, which was in similar but slightly smaller tin.

Nitric Acid Suicide.—A verdict of suicide was returned by the coroner at Sandown Isle of Wight, recently, following an inquiry into the circumstances in which Sidney Parkes, jeweller, died in hospital from the effects of drinking nitric acid. A doctor gave evidence that when called in because Parkes was in a state of collapse, he was shown an empty bottle, but there was no evidence of acid in the bottle, nor were there any signs of burning on the lips when he treated deceased for collapse. A house physician at the county hospital stated that when Parkes was admitted, his lip and mouth were burned by strong acid and death followed next day.

TOPICAL REFLECTIONS

T.A. Conference

the purpose for which the well-attended Conference of the Manufacturers' Section of Proprietary Articles Trade Association recently held (pp. 725-29) was by a series of resolutions unanimously approved. It is the outstanding fact emerging from practical discussion. As the chairman of the meeting (Mr. E. Skues) pointed out, the association can afford to stand still: once the occasional need for a review of policy. About three years ago, if I remember rightly, I first heard of the initiative taken by the National Pharmaceutical Executive in requesting the P.A.T.A. to look into the matter just discussed by the Manufacturers' Section. We need not be surprised that in the pressure of other events the subsequent negotiations have taken some time. It is much better that the meeting should be unhurried than that a hasty accommodation between different interests should be negotiated. Mr. R. McKnight hit the nail on the head in giving his view that the very success of the P.A.T.A. in its made trade in proprietary articles is attractive to outsiders. It may be added that in the present time of transition to assured supplies of merchandise there is an obvious temptation to outsiders to make a shot at proprietary goods in the hope of earning "easy" money. In consideration of this and other factors, the passing of the resolutions specified in your account of the proceedings is eminently satisfactory. Your readers will note that non-members of the Association are in no way precluded from handling P.A.T.A. goods, provided that they observe price-maintenance conditions.

Note on Printing

The latest monthly meeting of the Council of the Pharmaceutical Society of Northern Ireland (p. 731) included topics of more than local interest. The matter calling forth my sympathy with members of the Society is their desire for better terms in obtaining the Society's publications. Their argument, I take it, that as they have to observe certain statutory regulations they should be provided free of charge with the text of these regulations. Now an unescapable fact is that the cost of printing has greatly increased in recent years. Two further difficulties should be taken into account. One difficulty is that customers who are ready to pay increased prices cannot obtain adequate supplies of paper—your own

columns afford evidence to that effect, if one reads between the lines. The other difficulty is that the work of printing is hindered by the impossibility of buying, at present, new machinery to replace much that is obsolescent. When a copy of some American newspaper is sent me, I look with envy at its gigantic size; and we read that in Rome there are too many newspapers. While the United Kingdom is in its existing financial condition there seems to be little hope of an improvement in this situation. In these circumstances I trust that our friends in Northern Ireland will exercise patience.

Man-power in Science

The recent report of the Committee on Scientific Man-power (p. 707) is a useful addition to the already considerable comment on this subject. It may be called a short-term document, as its purview is limited to the next ten years. Some of the statistics given must be discounted by the frank statement of the Committee that there is reason to regard as unduly low its estimate of the number of scientists who can be "usefully" employed when industry gets into full production. The Committee considers that the minimum number of scientific workers demanded in this country and in the colonial service by 1950 will be about 70,000, and by 1955 not less than 90,000. The maximum number likely to be available by 1955, according to a deduction from certain returns supplied to the University Grants Committee, is 64,000, leaving a serious deficit. It must also be remembered that some scholastic buildings have suffered extensive damage during the war: it is unlikely, for example, according to the report, that University College, London, will be able to accommodate even 20 per cent. of the students who wish to enter it next autumn. What steps should be taken to overcome these and other difficulties? Among the recommendations are, first, that the immediate aim should be to obtain, through the universities, approximately 5,000 new scientists every year; second, that technological courses of university standard should be established at a limited number of technical colleges; third, that everything possible should be done to meet the demand of students from the Commonwealth and Empire and from foreign countries to study at British universities—without excluding students from the United Kingdom.

Xrayser

BIRTH

BASTOW.—At Chichester, on June 6, Phyllis, the wife of Sidney William Bastow, Ph.C., 90 Broyle Road, Chichester, of a son (Stephen Charles).

DEATHS

DELVE.—On May 29, Mr. William Henry Delve, M.P.S., Yelverton Road, Billingham, co. Durham. Mr. Delve qualified in 1902.

ENNALS.—On May 28, Mr. William Selby Ennals, M.P.S., Kings Road Pharmacy, London Colney, St. Albans, Herts, aged sixty-nine.

FLEMING.—On April 28, Mr. Samuel Fleming, L.P.S.I., Audley House, 96 Audley Road, London, N.W.4, and 95 Charlotte Street, W.1, aged sixty-five. Mr. Fleming was formerly in business as a pharmaceutical chemist in Duncairn Gardens, Belfast. He qualified in Dublin in 1905.

GOODYER.—On May 21, Mr. William Goodyer, M.P.S., Ceres House, Market Place, Swaffham, Norfolk. Mr. Goodyer qualified in 1902.

LUKE.—Killed in India, Captain William Luke, formerly of 265 High Street, Kirkcaldy. Captain Luke had several appointments in this country before taking up a post in Ceylon. At the beginning of the 1939-45 war, he was called to the Royal Indian Army Medical Corps.

MULLIN.—At Mandeville House, Tandragee, co. Armagh, on May 24, Mr. William Mullin, Ph.C. Mr. Mullin was in business at West Street, Portadown. He was registered as a pharmacist in 1927, and was a prominent Freemason.

SHARP.—On May 29, Mr. James Alexander Sharp, formerly of High Street, Calne, Wilts, aged sixty-nine. Mr. Sharp qualified as a chemist and druggist in 1902.

SMITH.—On March 29, Mr. Alfred Smith, M.P.S., 33 High Street, Sheffield, 1, aged sixty-six.

TUCK.—Recently, Mr. John F. Tuck, Newbridge Road, Bath, for forty-eight years representative in the Potteries, Birmingham, South Wales and the West Country for Blyton, Astley & Co., Ltd., 24 Milton Street, Salford, 7. Mr. Tuck retired only in December 1945, a month before his eighty-first birthday. A widower, he is survived by three daughters, all married.

TUFFIELD.—In India on January 1 Staff-Sergeant Frederick Peter Tuffie R.A.M.C., M.P.S., formerly of The De Halstead, Sevenoaks, Kent. Staff-Sergeant Tuffield qualified in 1940.

WHITE.—At 23 Hertford Street, London W.1, on May 30, Mr. George William White (Imperial Chemical Industries, Ltd.), aged fifty-seven.

WILLS

MR. HENRY JOHNSTON SCOTT, M.P.S.—Cruach, Queensferry Road, Dunfermline left £7,250.

MR. WILFRED HEYWORTH, Bredon, Tewkesbury, formerly a director of Thomas Hedley & Co., Ltd., left £29,144, with net personalty £28,949.

MR. GEORGE THOMAS BENBOW, Noran Conway Road, Colwyn Bay, Denbigh, many years principal of Benbow's D Mixture Co., left £11,655, with net personalty £8,508.

MR. FRANCIS WALKER BLACKSHAW Buttr Nab, Lepton, nr. Huddersfield, director of J. Dodd & Co., Ltd., herbalist Huddersfield, left £3,652, with net personalty £3,593.

MR. PERCY AUBREY PARRAH GALE, O Lodge, Monks Walk, Reigate, Surrey, at 274-76 Ilderton Road, London, S.E.15, director of Gale & Co., Ltd., and Gale Baiss & Co., Ltd., manufacturing chemist left £13,826, with net personalty £12,273.

FLIGHT-LIEUTENANT RICHARD ARTHUR BRANSON, Winstlerlea, Ghyll Road, Winder mere, Westmorland, son of Mr. Frederick Branson, M.P.S., and formerly junior director of Reynolds and Branson, Ltd., wholesale chemists, Briggate, Leeds, left £1,126, with net personalty £1,122.

MR. WILLIAM RICHARD JAMIESON F.C.I.S., 11 St. Stephens Road, Prenton Birkenhead, Cheshire, formerly chairman of Ayrton, Saunders & Co., Ltd., manufacturing chemists, Liverpool, and a director of the Association of Manufacturing Chemists, Ltd., left £5,525, with net personalty £3,267.

SIR THOMAS WILLIAM ROBINSON M.C.P.S.I., M.P.S.N.I., 10 Herbert Park, Dublin, formerly chairman of Haye Conyngham & Robinson, Ltd., chemists, director of the United Drug Co., Ltd. Nottingham, and other companies, and president of the Pharmaceutical Society of Ireland, 1938-40, left estate in England valued at £899.

COMPANY NEWS

ROWLAND COX, LTD. (P.C.).—Capital £200. Chemists, etc. Rowland Cox and Herbert Potter, directors. R.O. : 260 Ladywood Road, Birmingham, 12.

MURRAY & COLLINS, LTD. (P.C.).—Capital £100. Manufacturers of and dealers in medicinal products, etc. Directors not named. R.O. : 18 Essex Street, London, W.C.2.

GEORGE CRAWFORD (BELFAST), LTD. (P.C.).—Registered in Belfast. Capital £200. To acquire the business of a wholesale chemist carried on by George Crawford 61 Donegall Street, Belfast. George Crawford and Thomas Brown Maxwell, directors. R.O. : As above.

ARCH. WILSON (CHEMISTS), LTD. (P.C.).—Capital £5,000. To acquire the business of a chemist and druggist carried on by Archibald Wilson at 13 Hove Park Villas, Hove, as "Arch. Wilson." Archibald Wilson, M.P.S., and William McLeod, P.S., directors. R.O. : 43 Church Road, Hove.

E. H. SOLOMON (CHEMISTS & DRUGGISTS), LTD. (P.C.).—Capital £10,000. To acquire the business of a chemist and druggist formerly carried on by Mabel L. C. Solomon "E. H. Solomon" at 33 Church Street, King's Cross, London, E.C.1. Mabel L. C. Solomon and George W. J. Wilkins, directors. R.O. : As above.

JOHN BONNER, LTD. (P.C.).—Capital £200. To acquire the business of chemists, druggists and opticians carried on by Hardy & Son, Ltd., at the Pharmacy, 100, Strand, London, W.C.2. George L., and George B. Hardy, and Arthur O. Barton, P.S., directors. R.O. : 33 Brown Street, Salisbury.

LANCASHIRE CHEMICAL & MINERAL CO., LTD. (P.C.).—Capital £10,000. To acquire the business of a chemical and mineral merchant carried on by W. H. Watson, trading as the Lancashire Chemical & Mineral Co., at 16 Deansgate, Manchester. William H., and Eric Watson, directors. R.O. : As above.

J. FORSTER YOUNG, LTD. (P.C.).—Capital £1,000. To acquire the business of druggist carried on by Walter Laws at 4 South Eldon Street, South Shields, as "Walter Laws Drug Store." John F., and Isabella F. Young, and John F. Young, directors. R.O. : 23 Tynedale Road, South Shields.

HOMŒOPATHIC SUPPLY CO., LTD. (P.C.).—Capital £200. To acquire the business of sellers of homœopathic medicines carried on as the Homœopathic Supply Co. by F. G. H. Vickers and L. J. Speight, at 128 Frimley Road, Camberley, Surrey. Francis G. H. Vickers, M.P.S., and Leslie J. Speight, directors. R.O. : As above.

J. BROWN & SON CHEMISTS (WALKER), LTD. (P.C.).—Capital £2,000. To acquire the business of chemists and druggists carried on by Nancy Rust and Murray D. Oubridge at 2-4 Byker Street, Walker, Newcastle-on-Tyne, as "J. Brown & Son." Murray D. Oubridge, Nancy Rust, Marjorie N. Brown, and Enid P. Matthewson, directors. R.O. : As above.

TANNIN & CHEMICAL TRADE, LTD. (P.C.).—Capital £100. To acquire the business of wholesale druggists and pharmacists formerly carried on at 16-17 Devonshire Square, London, E.C.2, but now at "Puddlebrook," Haverhill, Suffolk, as "Manifarges Bros." Antoine and Dorothy M. Manifarges, directors. R.O. : Puddlebrook, Haverhill, Suffolk.

INTERNATIONAL PENICILLIUM PRODUCTS CO., LTD. (P.C.).—Capital £8,000. To manufacture, sell, buy, import or deal in *Penicillium notatum* living hyphæ productions or similar or kindred products, including the grant or assignment of licences in respect of such productions, etc. Francis Fyles and Emil Horner, directors. R.O. : Spencer House, South Place, Moorgate, London, E.C.2.

A. DE ST. DALMAS & CO., LTD.—At the annual general meeting Mr. H. N. Bream, Ph.C., managing director, was appointed chairman and managing director. Mr. S. W. Atherley, B.Sc., F.R.I.C., was appointed to the Board.

ASCOTTS PHARMACIES (1933), LTD.—Directors have resolved that an interim dividend of 14 per cent. less tax, be paid in respect of the 7 per cent. cumulative preference shares in payment of arrears of dividends on such shares for the two years ended December 31, 1936, such payment to be made on July 12, 1946, to cumulative preference shareholders registered on that date. The £20,000 6 per cent. capital debenture stock, charged on the company's assets, was repaid on May 14, 1946. A memorandum of satisfaction has been filed with the Registrar of Companies.

THE WEEK IN PARLIAMENT

IN the House of Commons on June 4, MR. WHITE asked the President of the Board of Trade what steps were being taken to make increased supplies of chlorate of soda available to farmers and market gardeners to enable them to deal with war-time accumulations of nettles and other weeds.

MR. BELCHER (Parliamentary Secretary): Steadily increasing quantities of chlorate of soda have been provided for weed killing since the end of the war and deliveries for this purpose now exceed the pre-war rate. It is not yet possible to meet in full the exceptionally large demand arising from the accumulation of weeds.

Notice of Question

MR. SIDNEY MARSHALL has given notice to ask the President of the Board of Trade after the Whitsun recess "whether surgical belts and surgical boots, which are essentially health requirements, can now be supplied without coupons."

Health Bill Debate Continued

An amendment important to pharmacists was moved by MR. LINSTAD in Standing Committee of the House on the National Health Service Bill on June 6. He moved to provide that local health authorities should not employ pharmacists at health centres. The purpose of the amendment, said Mr. Linstead, was to transfer the pharmaceutical service in the health centres from the supervision of the local authorities to the supervision of the local executive councils.

"The background of the pharmaceutical service under this Bill is that, in addition to the existing chemists' shops, the Minister is proposing to provide dispensaries in the health centres. The pharmacists were apprehensive when they heard that this public organisation was to be set up in competition with what I might call the private organisation of chemists' shops. But I must say the Minister has been very forthcoming in the discussions we have had with him and has made it clear that every patient visiting a health centre who requires medicine shall be given a prescription, and shall be free to take that prescription either to the dispensary in the health centre or to the chemist of his choice. To that extent the Minister has gone a long way to remove some of the doubts which the chemists had in mind. He has also been good enough to say that he proposes to use no sort of influence on patients to take their prescriptions to dispensaries."

MR. ANEURIN BEVAN: I could not very well accept this amendment without changing the status of other ancillary staffs in the health centres. . . . The pharmacist at the health centre will be under the supervision of the local health authority, and the necessary link between the local health authority and the executive council is provided by the fact that a large proportion of the members of a local executive council are nominated by the local health authority. I cannot agree to accept this amendment and I certainly could not agree to what may have been implied in some language I have heard, that the chemists should be allowed to set up independently in health centres.

DR. CLITHEROW asked whether dispensaries at the health centres, for the purpose of inspection, the testing of dispensing medicines and supervision by qualified staffs, from a legal point of view, came under the same regulations as chemists outside. . . . In other words, will their medicines be tested in exactly the same way as the dispensed by chemists outside, and will local authorities be held responsible for anything that may be wrong, and also, will the dispensaries come under the inspection of the authority's inspectors?"

MR. BEVAN: I should have thought the premises would have been very much more inspected than would the normal chemist's shop.

"Will they be inspected by the same people?" asked Dr. Clitherow.—"Certainly."

MR. LINSTAD said the Minister had asked why there should be differentiation in this matter between the pharmacists and the other ancillary health services. "The answer is, of course, in the Bill itself. It is set out most clearly in Clause 43." The clause spoke of medical practitioners, persons undertaking to provide pharmaceutical services, and dental practitioners. "The three services are centred in the executive council, and the practitioner giving those services should be treated in the same way and come under the council and not under the local authority. I am hoping to have a consultation with the Minister on this point." The amendment was withdrawn.

During an earlier debate on health centres DR. CLITHEROW spoke on the position of pharmacists under the scheme. The medical men, he said, were not being employed by the local authorities because they would destroy their civic rights to sit on local authorities.

PERSONALITIES

MR. ARCHIBALD ROBERTSON, J.P., M.P.S., has been elected vice-president of the Rotary Club of Hamilton.

MR. J. K. WHELEHAN (president of the Pharmaceutical Society of Ireland) has been appointed chairman of the Mullingar Industrial Development Association.

MR. T. E. WALLIS has been elected a vice-president of the Royal Microscopical Society. He has received the congratulations of the Council of the Pharmaceutical Society.

MR. HOWARD FLOREY, F.R.S., is leaving for South America on June 18 to lecture for the British Council on penicillin, and to discuss only on the uses of micro-organisms for therapeutic purposes.

MAJOR-GENERAL SIR THOMAS WENTWORTH RUSSELL (Russell Pasha) is leaving Egypt for Britain during June on three months' leave before retiring in August from his post as head of the Central Narcotics Information Bureau, Cairo.

MRS. JEAN K. IRVINE, the first woman member of the Pharmaceutical Society to be adopted as its vice-president (see p.748) started her apprenticeship in retail pharmacy and qualified in 1900. As a qualified assistant she had experience with the Glasgow Apothecaries' Co. and John Millan, Glasgow, before taking up a post at the Glasgow Royal Infirmary. After she transferred to National Health Insurance work and she is today the Superintendent of the South-eastern Pricing Office. Past-president of the National Association of Women Pharmacists and of the Insurance Committee Officers' Association for England and Wales, she has also been one of the representatives of the Pharmaceutical Society's Council on the Central Pharmaceutical War Committee. (Picture, p.754)

MR. G. R. KNOX MAWER, this year's president of the Pharmaceutical Society (see p.748), is a Lincolnshire man. Born in Boston in 1889 he qualified in 1910 after an apprenticeship served with his uncle in London. After gaining experience in Manchester, Stockport, and North Wales, he first became associated with his present company, L. Rowland & Co., Ltd., Wrexham, in 1914. He has been a member of the Denbighshire Pharmaceutical Committee since 1921 and its secretary since 1930. He has been secretary of the local branch of the Pharmaceutical Society and a supporter of the National Phar-

maceutical Union. A member of the Council of the Society since 1937, when he was co-opted, his position was strengthened when he was third among the seven members returned in the election of 1944. Committees on which he has given service include the Education, Finance, War Aid, Benevolent, Parliamentary and Central Pharmaceutical War Committees. Mr. Knox Mawer has also numerous Masonic, educational and sporting interests in North Wales. (Picture, p.754).

MR. HUGH HOLMES, 1 Victoria Parade, Torquay, this year's chairman of the local branch of the Pharmaceutical Society, served his apprenticeship in Aberdeen. After experience as an assistant in Sydney, Australia (1911-13), and Edinburgh (1913-14) he served during the 1914-18 war in the Royal Army Medical Corps. His post-war experience included several years as manager in Bath, West London and Torquay (in the business of which he is today the proprietor), a period as representative for Armour & Co., Ltd., and service with a multiple (as manager, district manager, buyer and assistant sales superintendent). He went into business on his own account in 1936. Mr. Holmes is a member of the Torquay Chamber of Commerce and of the local Youth Committee.



COUNCILLOR J. W. HUDDART, J.P., M.P.S., Blackpool, is at present in hospital suffering from bronchitis and asthma.

INSURANCE ACT DISPENSING

Bath.—Mr. C. H. James has been appointed *Chairman*, and Mr. T. Swain, *Secretary*, of the Pharmaceutical Committee.

Scotland.—The statement for 1945 issued by the Drug Accounts Committee (Scotland) recently shows an increase in the number of prescription forms in 1945 over the previous year of 42,072, and an increase in total value of £38,016. The number of prescriptions from the fifty-four Insurance Committees in Scotland has increased by 19,350; the number from the Ministry of Labour Northern Ireland by 17,026; and from public medical services by 4,077.

TRADE NOTES

Sanitary Towels.—C. R. Crosskill & Sons, Norwich, draw attention to their Norvex sanitary towels, which are "made from the best materials available."

Atomisers.—An assortment of atomisers for various purposes is available from M. J. Fecher, Ltd., 121 High Street, Slough, Bucks.

London Showroom.—An invitation to chemists to inspect, at the company's London showroom, the range of seals and labels issued by William Sessions, Ltd., The Ebor Press, York.

Lacquer Purchases.—Pharmacists in England and Wales are invited to obtain supplies of Mendac lacquer direct from the Mendes Merchandise Co., 1111 Finchley Road, London, N.W.11. The price and discount terms are given elsewhere in this issue.

Again in Metal Tubes.—An announcement is made in this issue that Bengue's balsam is again being supplied by the makers, Bengue & Co., Ltd., Mount Pleasant, Alperton, Wembley, in collapsible metal tubes. The preparation is on the P.A.T.A. and C.F. lists.

Air Purifier Returns.—Ozonol Laboratories (1930), Ltd., New Wharf Road, London, N.1, announce in this issue the return of Ozonol air purifier and refills. Trade terms for this and for the company's speciality Ozoline insect spray containing DDT are given elsewhere in this issue.

Delivery Limit.—Allen & Hanburys, Ltd., retail department, 7 Vere Street, London, W.1, announce that they are unable to execute orders for injection solutions of penicillin for delivery outside a radius of two miles from that address, owing to the difficulty of obtaining suitably insulated containers.

Relief from Insect Bites.—The advice is given to chemists by Milton Antiseptic, Ltd., 10 Brewery Road, London, N.7, that they should recommend customers to use Milton antiseptic in order to secure instant relief from the irritation caused by bites and stings and to prevent septic complications arising therefrom.

Leg-tan Components.—Lennard, Lee-Narvill & Co., Ltd., Gladstone Street, Hull, invite wholesale, export and trade inquiries for Rohsen wax VL5 and perfumed colour for use in the preparation of leg-tan creams. The company's sundries department at

Albemarle House, 265 Anlaby Road, Hull is in a position to supply sanitary towels from stock.

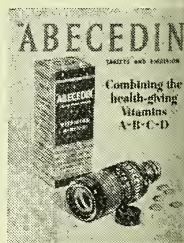
Containers for Soft Drinks.—The Soft Drinks Industry (War Time) Association Ltd., 42 Upper Grosvenor Street, London W.1, reminds chemists that increased supplies of soft drinks during the coming summer months depend entirely on the prompt return of empties. Notices are appearing in the lay Press to this effect and retailers are asked to co-operate in sending on returned empties with as little delay as possible.

Cosmetic Colourings.—AMBRESIL, Ltd., 31 East Parade, Harrogate, are offering Ambretan Poudre perfumed liquid leg tan and Ambretan Creme liquid stockings leg tan in three shades as ingredients for incorporation in preparations of the kind indicated.—SELECTA COSMETICS (Lovell Edwards & Co.), 438 Garratt Lane, London S.W.18, draw attention to their preparation Selecta liquid make-up dye and Selecta liquid stocking dye. Marketing arrangements are described in the company announcement.

Quinine Compound Reintroduced.—The reintroduction of Rubyl brand quinine iodobismuthate by Pharmaceutical Specialities (May & Baker), Ltd., Dagenham, has been made possible by relaxation of the regulations governing the use of quinine. The product is a 10 per cent. suspension of the compound in neutral vegetable oil for intramuscular injection in the treatment of syphilis. It is packed in boxes of twelve ampoules each containing 3.5 c.c.

Showcard.—The makers of Abecedin tablets and emulsion (H. R. Napp, Ltd., 3 Clements Inn, London, W.C.2) have issued a colourful showcard for this preparation of the vitamins A, B, C and D. The packing is in natural colours on a yellow ground, with the name of the product in red. Copies of the showcard are available from the manufacturers on request.

Penicillin Plant Closes.—In announcing the closing (on May 31) of their emergent surface-culture penicillin plant at Dales Road, Nottingham, Boots Pure Drug Co.



il, state that they are considering whether the plant shall be adopted for deep-freezing penicillin for veterinary purposes. The installation was set up on April 6, 1944, after an agreement reached between the company and the Ministry of Supply. The plant was in production within six months, the first sod being turned, and it was soon turning out one-third of the total quantity of the new drug manufactured in Europe. It was not possible to wait for specialised equipment, and the hastily erected factory made use, among other makeshift devices, of spray guns, as used for painting motor-bodies, to spray the fungi spores on to the nutrient liquid; cream separators for extracting the penicillin from the liquid, and quart milk-bottles as containers. An accidental result of the closing of the factory will be that nearly a million milk bottles will be released to the dairies. Monthly production reached 13,000 million units. Extensive experiments in this country and in the U.S.A. have already established that the cattle disease known as mastitis, hitherto regarded as incurable, is in the majority of cases amenable to penicillin treatment. Details of the cures effected have already been made known to the veterinary profession. Optimum dosage has still to be determined, but it is estimated by the company's chemists that at the present rate of production sufficient penicillin could be produced to wipe out mastitis for 5,000, or one per cent. of the present cost of the scourge.

Proprietary Articles Trade Association

Additions to Protected List.—*Anglo-American Drug Co., Ltd.* (distributors, *Thos. Crisley & Co., Ltd.*), Mexican hair renewer, 1s. 6d. doz., tax 3s. 6d. doz., inclusive retail price 6s. 1½d.

The British Drug Houses, Ltd., Radio-malt, 4lb. size, 10s. 6d., 87s. doz. (exempt from tax).

Southern Laboratories, Ltd. (distributors, *Chas. Thackray, Ltd.*). Full details of articles and prices may be obtained on application to the secretary of the P.A.T.A.

Alterations.—*Lofthouse & Saltmer, Ltd.*, halibut-liver oil capsules and halibut-liver oil, 1s. 8d., 12s. 6d. doz.; 3s. 4d., 25s. doz. (exempt from tax).

Bob Martin, Ltd., Pestroy, 9d., 6s. 10d. doz.; new size, 2s., 18s. doz. (exempt from tax).

Morgan's Pomade, 2s., 17s. 2d. doz., tax 7s. 2d. doz., i.r.p. 3s. 5d.

Stemco, Ltd., Flit hand-sprayer, 2s. 10d., 15s. 6d. doz. (exempt from tax).

A. Wander, Ltd., A-lasil tablets, 50's, 22s. 6d. doz., tax 3s. 9d. doz., i.r.p. 2s. 10d. (Replaces bottles of thirty tablets, which are discontinued).

BUSINESS CHANGES

MR. CHARLES G. DONELAN, Ph.C., 22 Ashdale Road, Terenure, Dublin, has opened a new pharmacy at Collins Avenue, Dublin.

MR. A. LIVESLEY, M.P.S., has purchased the business of A. Greaves & Son, Ltd., dispensing chemists, Market Place, Chesterfield, and is continuing the business under the name of A. Greaves & Son. Mr. E. Bannister has been engaged as secretary and accountant. [Corrected note]

MR. WILLIAM J. GILL, Ph.C., Glenamaddy, co. Galway, has acquired the business of Mr. Seamus Murphy, New Street, Dublin.

MR. JOHN B. HODGSON, M.P.S., 14 High Row, Darlington, is carrying on the business of his father, the late Mr. J. E. Hodgson, at the same address.

MR. M. C. STEEL, 58 High Road, Chiswick, London, W.4, has retired from the partnership of Ross Universals, toilet preparation manufacturers, of that address.

YARDLEY & Co., LTD., have removed to Yardley House, 33 Old Bond Street, London, W.1 (entrance in Stafford Street). Telephone: Regent 8272 (10 lines).

MR. J. W. RUBERY, M.P.S., has been appointed laboratory manager of Potter & Clarke, Ltd., drug merchants and manufacturing chemists, Artillery Lane, London, E.1.

MR. JAMES CARMICHAEL, M.P.S., 2 Fulton Street, Glasgow, W.3, has purchased and will carry on under his own name the business of Miss Elizabeth Miller, M.P.S., of the same address.

MESSRS. J. DUNKLEY, C. HOLDEN, J. W. WOODS, and S. HOSEASON have been appointed regional sales representatives by Ashley & Weeks, Ltd., 165 and 243 Mitcham Road, Tooting, London, S.W.17.

MUIRKIRK CO-OPERATIVE SOCIETY, LTD., has purchased the business of Alex. S. Templeton, 87 Main Street, Muirkirk, Ayrshire.

MR. RAMSAY JOHN HANNAY, B.Sc., has been appointed dyestuffs adviser to the Association of British Chemical Manufacturers as from August 6.

HOWARD-TAYLOR, LTD., manufacturing chemists, 94 High Road, London, S.W.12, state that the telephone numbers of the company's works at that address are now Balham 6546-7-8. Those of its head office, 89 Kingsway, London, W.C.2, remain unchanged.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

A MEETING of the Council of the Pharmaceutical Society of Great Britain was held in London on June 5, the president (Mr. J. C. Young) in the chair. The only member absent was Mr. Maplethorpe, who is on his way back to Britain from South Africa.

New Member Welcomed

MR. J. C. YOUNG, the retiring president, welcomed Mr. Granville Shaw as a new member of the Council. Mr. Shaw, he said, had high educational qualifications and had had a varied experience of pharmacy. MR. GRANVILLE SHAW said it was a privilege and honour to share in looking after the interests of pharmacy at what he believed to be the most critical period in its history.

Election of Officers

MR. G. R. KNOX MAWER (vice-president), was, on the motion of MR. A. R. MELHUISE, seconded by MR. F. C. WILSON, elected *President*. MR. J. C. YOUNG, in inducting him into the chair, said Mr. Knox Mawer's record gave the assurance that he would carry out the duties with dignity and wisdom. The new *PRESIDENT* replied that it would be his endeavour to act in the best interests of pharmacy. He paid tribute to the services rendered by Mr. J. C. Young during his year of office. It had been a difficult year, but one in which the pharmaceutical world was making progress. MR. YOUNG, in reply, said he had found his duties as president exacting but stimulating. He thanked members of Council and the staff for their courtesy and tolerance during his year of office.

First Woman Vice-president

MRS. J. K. IRVINE, who was elected *Vice-president* on the motion of MR. T. HESELTINE, seconded by MR. W. J. TRISTRAM, was congratulated by THE *PRESIDENT* on being the first lady vice-president of the Society. "I am confident," he said, "that you will occupy the position with dignity and honour and with credit to the ladies of the Society, and that you and I will do our best to do our duty with satisfaction to everybody in pharmacy." MRS. IRVINE replied. She was conscious, she said, of the privilege of being the first woman to be elected vice-president of their ancient and honourable Society, and of the responsibility. The value of a civilisation could never rise above the standard set by its women, and the responsibilities of women in post-war Britain were immense.

Mr. H. C. Shaw was unanimously re-elected *Treasurer* on the proposition of MR. A. A. MELDRUM, seconded by MR. I. M. HIRST, and MR. SHAW expressed appreciation at the continued confidence shown in him.

Committees

It was agreed to add the chairman of the Publications Committee to the Code Committee, and MR. L. M. PARRY emphasised the need for the Codex Committee to meet more often and take a more active part in Codex work. The special examiners were also appointed, and it was announced that Professor Dunlop, Edinburgh, had been appointed Privy Council Visitor to the examinations in Scotland, and Mr. Hubert Hull chairman of the Statutory Committee. A letter was read from Sir Walter Langdon Brown, expressing his appreciation of the honour of being elected an honorary member of the Society. An application for registration received from a pharmacist registered in South Africa was approved. Authority was given for the sealing of the diploma of honorary membership of the Society for Dr. J. A. Giles, on his joining the Council as a nominee of the Privy Council.

N.P.U. Silver Jubilee

It was agreed to send a message of congratulation to the National Pharmaceutical Union upon the occasion of the twenty-fifth anniversary of its foundation.

Gift to the Society

THE *SECRETARY* reported that Mrs. C. E. Sprott had made a gift to the Society of a portrait in oils of Michael Carteighe formerly its president for fourteen years together with various medals presented to him. The gift has been gratefully accepted. (Another portrait of Michael Carteighe dated October 1, 1890, hangs in the Council Chamber).

Food Gifts from Australian Pharmacists

A letter was read from the Federated Pharmaceutical Service Guild of Australia, giving particulars of a scheme initiated by the Western Australia Branch by which Australian pharmacists might provide British *confrères* with food parcels. A cable had already been sent asking for two to three thousand names and addresses of pharmacists to whom parcels might be sent, and branches of the Society had been asked to send in the names of 10 per cent. of their

members, selecting pharmacists with young children so far as possible. The names of members receiving help from the Benevolent Fund had been included. MR. MELHUSH moved that the Council should place on record its gratitude and thanks for this gesture and particularly for the spirit of comradeship that lay behind it. The motion was supported by MR. PARRY and THE PRESIDENT and carried.

Penicillin

The Council considered the situation created by the Government's announcement on May 1 that penicillin was to be released on supply on prescription from June 1, and it was agreed that a letter should be sent to Ministers of Supply and Health calling attention to the difficulties created by the short time and inadequate arrangements made for dealing with the pharmaceutical aspects. Two resolutions from branches (one from Leeds, urging that the Society should endeavour to facilitate the production and distribution of reasonably priced refrigerators for use in dispensing penicillin, and the other from Birmingham, complaining that, in practice, a precedent was being set up for regulation and control of dispensing by means other than the Pharmaceutical Society) were received. "For the first time," the Birmingham resolution stated, "a substance requiring extemporaneous dispensing, i.e. penicillin, has led to pharmacists being subject to the regulation of their dispensaries (under the Control of Penicillin (No. 1) Order, and the Therapeutic Substances Act) by bodies on which there was no Pharmaceutical Society representation of right." It was agreed to notify the Birmingham Branch that the Society had statutory representation on the advisory committee established under the Act.

Professional Conduct

MR. HESELTINE declared members of the Society appeared unaware that it was considered inadmissible for a pharmacist to advertise dispensing in any way. He asked a notification could once more be published in the Press making the position clear. THE PRESIDENT suggested that the Press might urge pharmacists to read the Statement on Matters of Professional Conduct issued by the Council, in which the ruling was clearly set forth.

Branch Grants

The report of the Organisation Committee, presented by THE CHAIRMAN (Mr. F. G. Wells) recommended that, from

April 1, 1947, the formula for determining Branch Grants should be as follows:—

- (1) The amount, if any, to be paid to a Branch each session shall be a sum calculated on the basis of 2s. per member and student-associate resident in the area on March 1 each year, less so much of the balance in hand as is in excess of 20 per cent. of that sum, and any items of expenditure which are not considered appropriate for the conduct of the Branch, and subject to full allowances being made for income during the year from voluntary subscriptions and for profits from social functions.
- (2) In order to qualify for a grant in accordance with the foregoing the Branch shall submit a report of its activities and a statement of accounts for the year ended March 31. In the preparation of the statement of accounts only items relating to the conduct of the Branch should be included. A separate account should be kept for the Benevolent Fund, War Aid Fund and other charities, including prize or gift funds, in which the Branch is interested.
- (3) A Branch shall be entitled to receive an additional sixpence per member and student-associate resident in the area on satisfying the Organisation Committee that the activities of the Branch are such as to justify such additional grant.

It was agreed that, in informing the Branches of this decision, it should be stated that, when the new formula came into force, the Committee would not be prepared to consider applications to make good deficits on Branch accounts. The recommendation was approved. Balance sheets had been received from twenty-eight branches, and the payment of grants authorised.

Service Pharmacists' Refresher Courses

THE PRESIDENT, presenting the report of the Education Committee, in the absence of Mr. Maplethorpe, pointed out that the Air Ministry had agreed to the attachment of Royal Air Force personnel, in approved cases, to an R.A.F. station near a school of pharmacy at which they might attend a refresher course before demobilisation. A refresher course was also to be held at Brighton Technical College in July for Army personnel serving in the British Army of the Rhine. This was the first time that a course had been organised for pharmacists serving overseas. According to War Office information, there would be, on January 1, 1947, only 122 pharmacists in the R.A.M.C. to fill the 400 vacancies for dispensers, and it had been suggested, on behalf of the War Office, that men who had undergone a period of articulated pupilage in pharmacy

should be earmarked, on call-up, for drafting into the R.A.M.C. The Committee, adhering to its previous recommendation that pharmacy students should be reserved, disagreed with the suggestion that pharmacy students should be recruited into the R.A.M.C. under present conditions. During May, nine concessions in respect of subjects of the Intermediate examination and two in respect of subjects of the Chemist and Druggist Qualifying examination were granted to ex-Service men and women.

Admission to Universities

THE SECRETARY called the Committee's attention to a Government announcement in May concerning the admission of students to Universities, and to the absence of information about the admission of students to schools of pharmacy in technical colleges. It was agreed to make urgent representations to the Government departments concerned that there should be no discrimination between students for degrees in pharmacy and those for the statutory diplomas.

Benevolent and War-aid Funds

THE CHAIRMAN of the Committee (Mr. McNeal) reported that the total received for the War Aid Fund to May 31 was £40,363; expenditure was £11,466. Grants to four applicants for assistance, amounting to £650 10s., were approved; one case was deferred, and another application was rejected. Grants were made from the Benevolent Fund in thirteen cases, amounting to £307, and recommendations in five further cases, amounting to £442, requiring the approval of Council, were approved. One case was deferred. Draft revised regulations for the Benevolent Fund, approved by the Committee, were laid before the Council. The principal alterations were deletion of all reference to election of annuitants by votes of members or contributors, and deletion of a stated maximum pension. The election method had not been used since 1924, and the work had proceeded very smoothly and satisfactorily without it. In answer to MR. F. G. WELLS, THE CHAIRMAN explained that it was unnecessary to set a maximum benefit, since the amount of grants and pensions was always under the Council's control. The Committee made recommendations to the Council in all cases where a payment of more than £52 was proposed, and the Council had the last word.

A resolution passed at the annual meeting of the Birmingham Branch, describing the proposed by-law concerning canvassing by Council candidates as "need-

lessly restrictive in principle and impossible of enforcement in practice" was placed before the Council. It was agreed to send reply pointing out that the Council was reporting on the matter to the Branch Representatives' meeting.

University and Society

THE SECRETARY submitted a letter from the University of London, forwarding a letter from Sir Henry Dale, (chairman of the Wellcome Trustees), containing an offer to the University of £66,666 in 3 per cent redemption stock to provide £2,000 a year for a Wellcome Chair of Pharmacology tenable in the Society's College. The fund was in the hands of the University, and would provide £900 before the end of the Society's current financial year. The Council decided to send thanks and appreciation to the Trustees.

THE SECRETARY gave an account of informal conversations that had taken place between representatives of London University and members of the Society's Council and staff, at which proposals for close association of the Society's College with the University had been discussed. Satisfactory progress had been made, and the University representatives had shown keen interest in the work of the College. No practical outcome of the negotiations was to be expected, however, before November of the current year.

Pharmaceutical Parliamentary Fund

On behalf of himself and Mr. Mallinson, (joint secretaries of the Pharmaceutical Parliamentary Fund which had been formed in 1924, and which it was decided in 1942 to discontinue) THE SECRETARY reported that the Fund had a balance at the bank of £137, and that a letter had been sent to all bodies concerned suggesting that the sum might be paid to the Pharmaceutical Society's Parliamentary Fund. The Council approved the proposal.

THE ASSISTANT REGISTRAR reported that twenty-nine persons had been registered as apprentices or students during the month, making a total of 172 for the year. There had been twenty-three applications for restoration. Authority was given to remove from the Register the names of 357 persons who had not paid their retention fee, of whom 173 had intimated their intention to retire, and to remove the names of eighty-two owners of premises who had not paid their fees. The figures were considerably lower than in other recent years.

National Health Service

When a meeting of the Joint Committee was held on May 14 was received and discussed, Mr. IRVINE deplored the absence of a man delegate upon the negotiating committee, and the Council had also before it a letter to the same effect from the National Association of Women Pharmacists. It was left to Mr. Tristram to bring the matter to the notice of the negotiating committee to see whether the request could be met.

Redsgrove House

MR. J. F. MCNEAL said there still seemed to be doubt as to eligibility for admission to the convalescent home recently opened by the Society. It would be useful if it could be made clear in the Press that any member of the Society who had just recovered from an acute illness or who was in need of a complete rest was eligible. Medical service was not provided. The warden, if written to, could forward an application form, which must be signed by the patient's doctor. The house was being financed by the Benevolent Fund, but visitors were asked to pay a weekly charge of £1 11s. 6d.

Serious Financial Position

MR. H. C. SHAW (treasurer) mentioned that the Society's School had expended on equipment and materials £2,000 more than in the previous year, and, as the estimates for the year had not been acceptable to the Council, he thought that the matter should be reported. MR. MCNEAL said that the Finance Committee should be responsible to the Council for the state of the Society's finances, but as a member of that Committee he had a feeling of helplessness, a feeling that he was merely a rubber stamp. He hoped it would not be necessary to stop supplies to the School, but a limit must be set on the amount that the School could expend without permission. MR. MELDRUM emphasised the seriousness of the position, and proposed that a special meeting of the Council should be held on July 1 to consider the financial position generally. This was agreed to. MR. MELHUISE mentioned that, at a meeting of the Finance Committee the previous day, it had been suggested that a complete inquiry into the growing financial expenditure of the Society should be held, and he understood that the treasurer contemplated reporting to the Committee on the lines on which such an investigation should proceed.

Authority was given for the Slough sub-branch to become a branch, and for a new Edgware and Hendon Branch to be formed.

MR. F. G. WELLS pointed out that, when a new branch or sub-branch was formed, it was open to members who desired to do so to remain in the branch to which they had previously belonged. The transfer of St. Helens to the Wigan Branch, together with certain other minor changes in connexion with the Warrington Branch, was approved by the Committee, subject to confirmation by the secretary of the latter Branch of the request. The Council also had before it a resolution from the Leeds Branch to the effect that the present grant to branches from the Society's headquarters was inadequate, and that, in view of the recent increase in members' annual subscriptions, a corresponding increase should be made in grants to branches.

Congratulations to Members

THE PRESIDENT, on behalf of the Council, wished Mr. and Mrs. Moreton Parry many happy returns on their Ruby Wedding day, and at his suggestion the Council decided to send congratulations to Mr. Harry Brindle, now a Professor of Pharmacy.

COMING EVENTS

Notices for inclusion under this heading should be sent in time to reach the Editor not later than Wednesday morning of the week of insertion.

Monday, June 17

EMPIRE SCIENTIFIC CONFERENCE, Senate House, London University, London, W.C.1, at 11 a.m. Opening ceremony by His Majesty the King.

ANGLESEY AND NORTH CARNARVONSHIRE BRANCH, PHARMACEUTICAL SOCIETY, Council Chamber, Town Hall, Bangor, at 7.30 p.m. Mr. W. J. Tristram (a member of the Society's Council) on "The New Health Service."

Wednesday, June 19

BEDFORDSHIRE BRANCH, PHARMACEUTICAL SOCIETY, visit to J. W. Green, Ltd., brewers, Luton. Meet at the Brewery at 2.30 p.m. Luton pharmacists, student associates, and apprentices only.

INSTITUTE OF CHEMISTS-OPTICIANS, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Dr. Walter Simpson on "The Treatment of Ametropia Without Lenses."

Sunday, June 23

MANCHESTER PHARMACEUTICAL ASSOCIATION, Ramble to Hayfield, Disley, and Marple. Meet at London Road station at 9.40 a.m. Book Hayfield return.

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Official organ of The Pharmaceutical Society of London, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of London and of other Chemists' Societies in the Empire

CXLV

JUNE 15, 1946

NO. 3462

Four Months' Export Trade

The table and map on p. 763 show in broad outline the progress of the export effort so far as the group of products known as "chemicals, drugs, dyes and colours" is concerned. This particular class of merchandise, as shown in the official trade returns, includes a number of articles only indirectly associated with the drug trade, viz., general chemicals, tar oils, fertilisers, dyestuffs, tanning materials, etc., and excludes the more obvious drug trade items, viz., essential oils, soap, druggists' wares, toilet preparations, etc. Consequently an analysis of export trade based on these figures must refer to the general chemical industry and not to the drug trade as a separate entity. Nevertheless the figures are interesting as an index on a value basis to the world-wide markets for British chemical and associated products of which a substantial proportion consists of drug trade goods. A few of the figures given in the official returns are not unduly inflated as the result of relief shipments to countries requiring drugs and chemicals, e.g., disinfectants, insecticides, for part of their needs for rehabilitation, and no allowance must be made for this factor.

India the Best Customer

The table and map show clearly that British India is still the best customer for British chemical products, heading the list of importing countries by a very heavy margin. It is of interest to note that drugs, including proprietary medicines, sent to

this area, account for between one-fifth and one-quarter of the total "chemical" imports, and that of the figure of £531,411 for drugs, £279,143 is represented by imports of proprietary medicines. The tints on the map show the relative importance of the various countries as consumers of British "chemical" goods, but it should be noted that, as the figures have purely a value basis, the smaller countries may well be better customers in relation to the sizes of their populations.

Insurance Stamps during Holidays

THE question whether stamps representing employers' contributions to national health, pensions and unemployment insurance must be affixed during the holidays with pay of employees would appear easy of solution. Nevertheless, it has been a subject of some controversy in, at any rate, the retail food trades. Our contemporary, the "Grocer," reports having received correspondence from a number of trade firms, quoting letters they had had from the Insurance Department of the Ministry of Health, to the effect that it was not necessary to stamp cards of members of their staffs while on holiday. As this pronouncement was contrary to expectations, the matter was taken up by the editor of that paper with officials of the Ministry of Health. In the meantime, however, the insurance section of the Ministry had been taken over by the newly created Ministry of National Insurance, and the officials of the Health Ministry declined to make a statement.

From a different source evidence was forthcoming of an arrangement that had been entered into between the Ministries of Health and Labour and the Retail Foods Joint Industrial Council, under which the stamping of cards of employees absent on paid leave was ruled unnecessary. That arrangement, in turn, has been cancelled by the Ministry of National Insurance, and it is expected that regulations will be brought into effect, under the National Insurance Bill now passing through the House of Commons, to give statutory sanction to the Ministry's decision. The regulations will be made under powers given by paragraph 3c of the Act.



Above, Mr. G. R. Knox Mawer, newly-elected president of the Pharmaceutical Society of Great Britain, receiving congratulations from the new vice-president, Mrs. J. K. Irvine, M.B.E., in the laboratories of the Pharmaceutical Society. An assistant looks on.

Below, Part of a display dealing with the sulphonamides, penicillin and Paludrine at a "Chemistry at your Service" exhibition staged by Imperial Chemical Industries, Ltd., in London, and opened to the public on June 5. See also p. 738.



NEWS IN PICTURES



Mr. J. McGowan, recently appointed sales manager of Crystal Products Co., Ltd. (See C. & D., June 8, p. 711)

RESERVED TO
George J. Mallinson
 D.P.S., F.S.D.C., Barrister-at-Law
 on the occasion of the
SILVER JUBILEE of the
National Pharmaceutical Union
 at a Celebration Dinner in London on May
 29th 1946.

It is given in recognition of his great work as **SECRETARY** for 25 years and in appreciation of his qualities of character, high ideals and sound judgment.

The success of the National Pharmaceutical Union and its allied organisations has been largely due to his ability and unbounded enthusiasm. His great efforts on behalf of Pharmacy have benefited every member of the craft.

In placing on record their high esteem and gratitude his friends express the hope that he may long be spared to continue his work for Pharmacy.

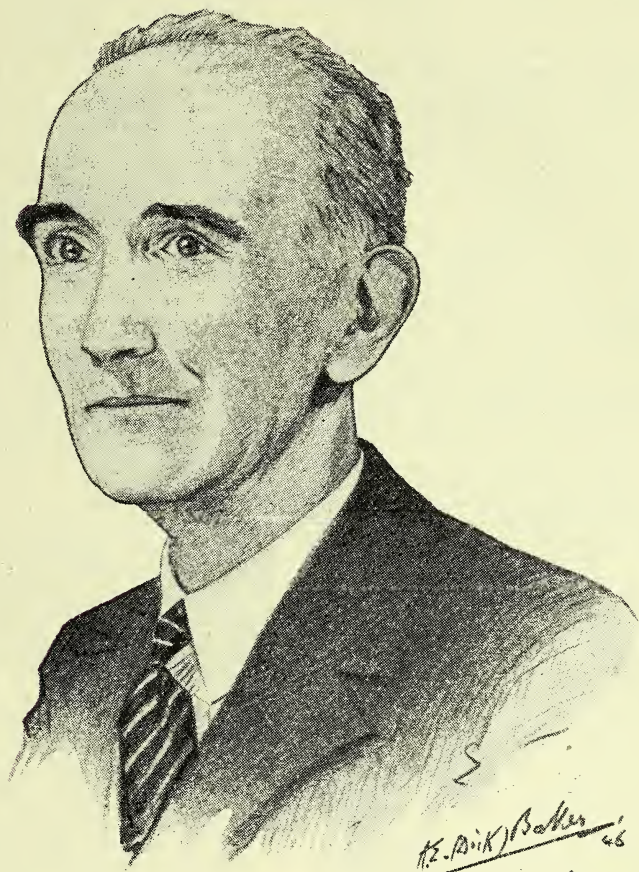
1921-April-1946

Principal illuminated page in commemorative album presented to Mr. G. A. Mallinson. (See C. & D., June 8, p. 722.)

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CHIEF OFFICIALS OF DRUG AND PHARMACEUTICAL ORGANISATIONS



Mr. H. GRAHAM MACMILLAN, C.A.
Secretary and Treasurer, Scottish Pharmaceutical Federation

NORTHERN IRELAND POISONS REGULATION

REGULATIONS made by the Minister of Home Affairs (Northern Ireland) under the Medicines, Pharmacy and Poisons Act (Northern Ireland), 1945, and dated May 8, are now available from H.M. Stationery Office, 80 Chichester Street, Belfast, price one shilling. Among the regulations are the following:—

Application and Relaxation of Part III of Act

1. It shall not be lawful for any shopkeeper to sell poisons on any premises used for or in connexion with his retail business, notwithstanding that the sale is exempted by section 29 of the Act, unless he complies with the provisions of paragraph (a) or paragraph (b), as the case may be, of subsection (1) of section 27 of the Act; [i.e., unless

(a) for Part I poisons, he is an authorised seller or duly registered person;

(b) for Part II poisons, he is either an authorised seller or entered on the local authority's list, and (c) and (d) that the labelling requirements have been met].

2. The provisions of the said paragraphs (a) and (b) shall not apply with respect to any medicine for the treatment of animals sold by a person carrying on a business which comprises the manufacture of medicines for the treatment of animals, if the following requirements are complied with:—

(a) a statement in writing signed by the owner of the business, or, in the case of a corporate body, on behalf of that body, stating the name of the business, the principal place where it is carried on, the name of the person in charge of the sale of the medicines, and the premises on which the medicines are to be sold must be furnished prior to the sale to the Registrar; and

(b) the sale must be effected on the premises specified in the statement; and

(c) the inspector must be permitted at all reasonable times to enter the premises and be given all reasonable facilities to make such examination and inquiry and to do such other things (including the taking, on payment thereof, of samples) as may be necessary for ascertaining whether the provisions of the Act and of these Regulations are being complied with.

3. (1) Subject as hereinafter provided, the provisions . . . which relate to the labelling of poisons shall apply to sales exempted by section 29 of the Act other than sales of poisons to be exported to purchasers outside the United Kingdom; and shall also apply to the supply of poisons (otherwise than on sale) in like manner as if . . . to the sale. . . .

(2) The said provisions, except the provisions of Regulation 16 and of paragraph (d) (iv) of subsection (1) of section 27 [name and address of seller] of the Act as modified by Regulation 17 shall not apply to the sale or supply of any of the poisons included in the Second Schedule to these Regulations to a person who—

(a) carries on a business in the course which poisons are regularly sold by way of wholesale dealing or are regularly used in the manufacture of other articles; and

(b) requires the poison for the purpose that business; if the outside of the package in which the poison is sold or supplied labelled conspicuously with words indicating the dangerous properties of the poison.

(3) The said provisions shall not apply to the sale or supply of poisons to be consigned to purchasers in Great Britain if the poisons are labelled in accordance with the corresponding provisions of the law in force in Great Britain relating to the labelling of poisons.

4. The provisions of subsection (2) of section 27 of the Act (which makes provisions as to persons to whom poisons may be sold and to the keeping of records of sales) shall apply with respect to all substances included in the First Schedule to these Regulations whether or not the poison sold is a poison included in Part of the Poisons Schedule, and shall not apply with respect to any other substance:

Provided that paragraph (a) of the said subsection (2) of section 27 of the Act shall, in its application to sales by licensees, be deemed to be satisfied if the person to whom the poison is sold is known by the person in charge of the premises on which the poison is sold or of the department of the business in which the sale is effected to be a person to whom the poison may properly be sold.

Wholesale Dealing

5. (1) The provisions of the said subsection (2) of section 27 as modified by the last foregoing Regulation shall apply to sales exempted by section 29 of the Act, except sales of poisons to be exported to purchasers outside the United Kingdom; and shall also apply to the supply in the form of a commercial sample . . . of any substance included in the First Schedule. . . .

Provided that the said provisions shall not apply to the sale or supply of any article by the manufacturer thereof or by a person carrying on a business in the course of which poisons are regularly sold by way of wholesale dealing, if—

(a) the article is sold or supplied to a person carrying on a business in the course of which poisons are regularly sold or are regularly used in the manufacture of other articles; and

(b) the seller or supplier is reasonably satisfied that the purchaser requires the article for the purpose of that business.

(2) Paragraph (a) of the said subsection (2) of section 27 shall, in its application to sales exempted by section 29 of the Act and to the supply in the form of commercial samples of substances included in the First Schedule to these Regulations, be deemed to be satisfied if the person to whom the poison or sample is sold or supplied is known by the person in charge of the department of the business through which the sale or supply is effected to be a person to whom the poison or sample may properly be sold or supplied.

(c) So much of paragraph (b) of the said subsection (2) of section 27 as requires an entry in a book to be signed by the purchaser of a poison is not, as respects the sale of a poison to a person for the purpose of his trade, business or profession, apply if the following requirements are satisfied:—

(a) the seller must obtain before the completion of the sale an order in writing signed by the purchaser stating his name and address, trade, business or profession, the name and quantity of the article to be purchased, and the purpose for which it is required;

(b) the seller must be reasonably satisfied that the signature is that of the person purporting to have signed the order, and that that person carries on the trade, business or profession stated in the order, being one in which the poison to be purchased is used;

(c) if the article sold is sent by post, it must be sent by registered post;

(d) the seller must insert in the entry prescribed by Regulation 33 of these Regulations the words "signed order" and a reference number by which the order can be identified:

provided that where a person represents that he urgently requires a poison for the purpose of his trade, business or profession, the seller may, if he is reasonably satisfied that the person so requires the poison and is, by reason of some emergency, unable before delivery either to insist to the seller an order in writing duly signed or to attend and sign the entry in the book, deliver the poison to the purchaser or an undertaking by the purchaser to furnish such order within the twenty-four hours next following.

Where any purchaser by whom any such undertaking has been given fails to deliver to the seller a signed order in accordance with the undertaking, or if any person for the purpose of obtaining delivery of any poison under the foregoing proviso makes a statement which is to his knowledge false, he shall be deemed to have contravened the provisions of this Regulation.

4. Where the seller of a poison is reasonably satisfied that the poison is required for the purpose of medical, dental, or veterinary treatment, there shall not apply—

(a) in the case of a sale to a hospital, infirmary, dispensary or clinic, such of the provisions of this Regulation as require the purchaser to state his trade, business, or profession and the seller to be satisfied with respect thereto;

(b) in the case of a sale of the poison not being a poison to which the Dangerous Drugs Acts apply to a duly qualified medical practitioner, registered dentist or registered veterinary surgeon or to a hospital, infirmary, dispensary or clinic, such of the provisions of this Regulation as require the purchaser to state the purpose for which poison is required.

5. The requirements mentioned in subsection (2) of section 28 of the Act (which requires particulars of medicines supplied or dispensed under that section to be entered in a book) need not be satisfied in the case of:

(a) any medicine, not being a substance included in the First Schedule to these Regulations, which is supplied by:—

(i) a duly qualified medical practitioner for the purposes of medical treatment; or

(ii) an authorised seller of poisons on and in accordance with a prescription given by a duly qualified medical practitioner; or

(b) any medicine, notwithstanding that it is a substance included in the First Schedule to these Regulations, which is supplied on and in accordance with a prescription given by a duly qualified medical practitioner upon a form issued by a local authority (whether a local authority as defined in the Act or not) for use in connexion with a health service of that authority, provided that the following requirements are complied with:—

(i) the prescription or a true copy thereof must be kept upon the premises upon which the medicine was dispensed for a period of at least two years in such a manner as to be readily available for inspection; and

(ii) the prescription or copy must bear on it particulars of the date of dispensing, the ingredients and quantity of the medicine supplied and the name of the person by whom, the name and address of the person to whom, and the date on which the prescription was given.

7. Nothing in these Regulations shall apply, except as is expressly provided therein, to transactions exempted by section 28 of the Act [i.e., to doctors, authorised sellers, and in dispensed medicines].

8. Such of the provisions of these Regulations, and of Part III of the Act as modified by these Regulations, as apply solely with respect to the substances included in the First Schedule to these Regulations, shall not apply with respect to—

(a) machine-spread plasters; or

(b) surgical dressings; or

(c) articles containing barium carbonate and prepared for the destruction of rats and mice; or

(d) corn paints in which the only poison is a poison included in the Poisons Schedule under the heading of "Cannabis".

9. Nothing in Part III of the Act or these Regulations shall apply—

(a) with respect to any article included in Group I of the Third Schedule to these Regulations; or

(b) so far as any poison specified in the first column of Group II of that Schedule is concerned, with respect to any of the articles or substances specified in the second column opposite the description of the poison.

Additional Restrictions on Poisons Sale

10. (1) It shall not be lawful to sell any poison included in the Fourth Schedule to these Regulations, except on and in accordance with a prescription given by a duly qualified medical practitioner, registered dentist or registered veterinary surgeon or on the order of a certified midwife or of the Ministry of Agriculture in the form provided by this Regulation.

(2) This Regulation shall apply to the sale of

any such poison, notwithstanding that it is a transaction exempted by section 28 of the Act, but shall not apply to any sale exempted by section 29 of the Act.

(3) For the purpose of this Regulation a prescription shall—

(a) be in writing and be signed by the person giving it with his usual signature and be dated by him;

(b) except in the case of a health prescription, specify the address of the person giving it;

(c) specify the name and address of the person for whose treatment it is given or, if the prescription is given by a veterinary surgeon, of the person to whom the medicine is to be delivered;

(d) have written thereon, if given by a dentist, the words "For dental treatment only" or, if given by a veterinary surgeon, the words "For animal treatment only";

(e) indicate the total amount of the medicine to be supplied and the dose to be taken.

(4) The person dispensing the prescription shall comply with the following requirements:—

(a) the prescription must not be dispensed more than once, unless the prescriber has stated thereon that it may be dispensed more than once;

(b) if the prescription contains a direction that it may be dispensed a stated number of times or at stated intervals, it must not be dispensed otherwise than in accordance with the direction;

(c) at the time of dispensing there must be noted on the prescription above the signature of the prescriber the name and address of the seller and the date on which the prescription is dispensed;

(d) except in the case of a health prescription or a prescription which may be dispensed again, the prescription must, for a period of two years, be retained and kept on the premises on which it was dispensed in such manner as to be readily available for inspection.

(5) (i) For the purpose of this Regulation—an order of a certified midwife shall—

(a) be in writing and be signed by the person giving it with her usual signature and be dated by her;

(b) specify the address of the person giving it;

(c) indicate the total amount of the poison to be supplied; and an order issued by the Ministry of Agriculture shall be in the form set forth in the Thirteenth Schedule to these Regulations.

(ii) The person supplying the order of a certified midwife or an order issued by the Ministry of Agriculture shall comply with the following requirements—

(a) the order must not be supplied more than once;

(b) at the time of supply there must be noted on the order the name and address of the seller and the date on which it was supplied;

(c) the order must for a period of two years be retained and kept on the premises on which

it was supplied and in such a manner as to be readily available for inspection.

(6) In this Regulation "health prescription" means a prescription given by a duly qualified medical practitioner on a Health Insurance form under and in accordance with the Act relating to national health insurance, or given by a duly qualified medical practitioner upon a form issued by a local authority (whether a local authority as defined in the Act or not) for use in connexion with a health service of the authority.

11. It shall not be lawful for any authorised seller of poisons to sell any substance included in the First Schedule to these Regulations notwithstanding that the substance is a poison included in Part II of the Poisons Schedule unless the sale is effected by or under the supervision of a registered person.

Supplementary Labelling Provisions

12. (1) Subject to the provisions of the Regulations particulars with which the container of a poison is required to be labelled under paragraph (d) of subsection (1) of section 27 of the Act and under these Regulations must appear in a conspicuous position on the container in which the poison is sold and on every box or other covering of whatever nature enclosing the container, and the particulars must be clear and distinctly set out and not in any way obscured or obliterated.

(2) Where the poison is contained in an ampoule, cachet, or similar article, it shall not be necessary to label the article itself if every box or other covering in which the article is enclosed is duly labelled.

(3) Nothing in the said paragraph (d) or in Regulations 12 to 17 shall require the labelling of any transparent cover or any wrapper, paper, packing case, crate or other covering used solely for the purposes of transport or delivery.

13. (1) Subject as hereinafter provided, for the purposes of paragraph (d) (i) of subsection (1) of section 27 of the Act and of paragraph (a) of Regulation 22 the name of a poison shall be—

(a) where the term under which a poison is included in the Poisons Schedule describes the poison specifically,

(i) the said term; or

(ii) if the poison is the subject of a monograph in the British Pharmacopoeia or the British Pharmaceutical Codex, one of the names or synonyms or abbreviated names set out at the head of the monograph;

(b) where the said term describes a group of poisons and not the poison specifically,

(i) if the poison is the subject of a monograph in the British Pharmacopoeia or the British Pharmaceutical Codex, one of the names or synonyms or abbreviated names set out at the head of the monograph; and

(ii) in any other case, the accepted name or the name descriptive of the true nature and origin of the poison.

(2) For the purposes aforesaid it shall, in the case of—

(a) a substance which is the subject of a monograph in the British Pharmacopoeia or

the British Pharmaceutical Codex, or any dilution, concentration or admixture of such substance.

(b) a preparation contained in the British Pharmacopoeia or the general monographs or formulae of the British Pharmaceutical Codex or any dilution, concentration or admixture of such a preparation; or

(c) a surgical dressing for which a standard is described in the British Pharmaceutical Codex,

sufficient, notwithstanding anything in the foregoing paragraph of this Regulation, to state the name, synonym or abbreviated name used to describe the substance, preparation or surgical dressing in the British Pharmacopoeia or the British Pharmaceutical Codex with the addition of the letters B.P. or B.P.C., as the case may be.

(3) For the purposes aforesaid it shall, in the case of a preparation containing a poison specified in the first column of the Sixth Schedule to these Regulations, be sufficient, notwithstanding anything in the first paragraph of this Regulation, to state the name of the poison or substance mentioned in the second column of the said Schedule in respect of which the proportion of the poison to the total ingredients of the preparation is in accordance with the provisions of paragraph (2) of Regulation 14 expressed.

(4) For the purposes aforesaid it shall, in the case of a preparation derived from nuxvomica or from opium and containing one or more alkaloids of nuxvomica or of opium named in the Poisons Schedule, be sufficient notwithstanding anything in the first paragraph of this Regulation to state the name of strychnine or morphine, as the case may be, or one of the names or abbreviated names of strychnine or morphine, as the case may be, set out at the head of the monographs in the British Pharmacopoeia or the British Pharmaceutical Codex.

14. (1) For the purposes of paragraph (d) of subsection (1) of section 27 of the Act which requires preparations containing poisons to be labelled with the prescribed particulars as to the proportion of poison therein) the label of the container of any preparation containing a poison as one of its ingredients shall, subject as hereinafter provided, include a statement of the proportion which the poison bears to the total ingredients of the preparation.

(2) In the case of a preparation containing a poison specified in the first column of the Sixth Schedule to these Regulations, it shall be sufficient to state on the label the particulars specified in the second column of that Schedule against the description of the poison.

(3) In the case of a preparation derived from nuxvomica or from opium and containing one or more alkaloids of nuxvomica or of opium named in the Poison Schedule, it shall be sufficient, so far as those alkaloids are concerned, to state on the label the proportion of strychnine or of morphine, as the case may be, contained in the preparation.

(4) In the case of a substance, preparation or surgical dressing which is named in accordance with paragraph (2) of the last foregoing Regulation, it shall not be necessary to state on the

label the proportion of the poison contained in the substance, preparation or surgical dressing and, in the case of any dilution, concentration or admixture of such a substance or preparation, it shall be sufficient to state the proportion which the substance or preparation bears to the total ingredients of the dilution, concentration or admixture.

(5) Where the poison is in tablets, pills, cachets, capsules, lozenges or similar articles, or in ampoules, it shall be sufficient to state on the label of the box or other covering in which the articles are enclosed the number of the articles and the amount of the poison, or in the case of such a preparation as is mentioned in the last foregoing paragraph, the amount of the preparation, contained in each article.

(6) Where any proportion is stated as a percentage, the statement shall indicate whether the percentage is calculated on the basis of weight in weight, weight in volume, or volume in volume.

15. (1) In pursuance of paragraph (d) (iii) of subsection 1 of section 27 of the Act (which requires the containers of poisons to be labelled with the word "Poison" or other prescribed indication of character) the container of any article specified in the Seventh Schedule to these Regulations, shall, instead of being labelled with the word "Poison" be labelled with the words specified in the said Schedule as applicable to that article.

(2) The said words or the word "Poison" as the case may be, must not be modified in meaning by the addition of any other words or marks, and—

(a) in the case of a substance included in the First Schedule to these Regulations, must either be in red lettering or be set against a red background; and

(b) in all cases must either be on a separate label or be surrounded by a line within which there must be no other words except words with which the container of the poison is required to be labelled under the Act or these Regulations.

16. (1) It shall not be lawful to sell or supply any poison—

(a) in the case of a liquid other than a medicine, contained in a bottle of a capacity of not more than 120 fluid ounces, unless the bottle is labelled with the words "not to be taken";

(b) in the case of an embrocation, liniment, lotion, liquid antiseptic, or other liquid medicine for external application, unless the container is labelled with the name of the article and the words "For external use only."

(2) It shall not be lawful to sell or supply any compressed hydrocyanic acid, unless the container is labelled with the words "Warning. This container holds poisonous gas and should only be opened and used by persons having expert knowledge of the precautions to be taken in its use."

(3) This Regulation shall be in addition to the other requirements of the Act and of these Regulations with respect to labelling and shall apply to transactions exempted by section 28 of the Act, but shall not apply to the sale or

supply of poisons to be exported to purchasers outside the United Kingdom.

17. (1) The provisions of paragraph (d) (iv) of subsection (1) of section 27 of the Act (which requires the container of a poison to be labelled with the name of the seller and the address of the premises on which it was sold) shall not apply in the case of an article sold for the purpose of being sold again in same container.

(2) The requirements of the said paragraph shall be deemed to be satisfied, in the case of a poison supplied from a warehouse or depot, if the container of the poison is labelled with the address of the supplier's principal place of business or, in the case of a limited company, of the registered office of the company.

(3) Where any poison (other than a substance included in the First Schedule to these Regulations) is sold in a container and outer covering, being the container and covering in which it was obtained by the seller, it shall be sufficient if the name of the seller and the address of the premises on which it was sold appear only on the outer covering, being the container and covering in which it was obtained by the seller, it shall be sufficient if the name of the seller and the address of the premises on which it was sold appear only on the outer covering.

(4) Where the names of more than one person or more than one address appear on any label, there must also be words on the label indicating clearly which person is the seller and at which of the addresses the poison was sold.

18. (1) It shall not be lawful to sell, whether wholesale or retail or supply any poison unless—

(a) it is contained in a container impervious to the poison and sufficiently stout to prevent leakage arising from the ordinary risks of handling and transport; and

(b) in the case of a liquid contained in a glass bottle of a capacity of not more than 120 fluid ounces, not being a medicine made up ready to be taken for the internal treatment of human ailments or a local anaesthetic for injection in the treatment of human or animal ailments, the outer surface of the bottle is fluted vertically with ribs or grooves recognisable by touch.

(2) Sub-paragraph (a) of the foregoing paragraph shall apply to transactions exempted by section 28 of the Act, and sub-paragraph (b) shall not apply to the sale or supply of poisons to be exported to purchasers outside the United Kingdom or the sale or supply of poisons to a person or institution concerned with scientific education or research or chemical analysis, for the purposes of that education, research or analysis.

Storage and Transport

19. (1) It shall not be lawful to store any poison except in a container impervious to the poison and sufficiently stout to prevent leakage from the container arising from the ordinary risks of handling.

(2) It shall not be lawful to store any substance included in the First Schedule to these Regulations in any retail shop or premises used in connexion therewith unless the substance is stored—

(a) in a cupboard or drawer reserved solely for the storage of poisons; or

(b) in a part of the premises which is partitioned off or otherwise separated from the remainder of the premises and to which customers are not permitted to have access or

(c) on a shelf reserved solely for the storage of poisons and—

(i) no food is kept directly under the shelf, and

(ii) the container of the substance rendered distinguishable by touch from containers of articles and substances other than poisons stored upon the premises.

Provided that, in the case of any such substance to be used in agriculture or horticulture it shall not be lawful to store the substance on any shelf, or in any such part of the premises as aforesaid if food is kept in that part, or any cupboard or drawer unless the cupboard or drawer is reserved solely for the storage of poisons to be used as aforesaid.

20. It shall not be lawful to consign any poison for transport unless it is sufficiently stoutly packed to avoid leakage arising from the ordinary risks of handling and transport.

21. (1) It shall not be lawful to consign for transport by carrier any poison included in the Eighth Schedule to these Regulations unless the outside of the package containing the article is labelled conspicuously with the name or description of the poison as set forth in the said Schedule and a notice indicating that it is to be kept separate from food, and from empty containers in which food has been contained.

(2) It shall not be lawful for any person knowingly to transport any such poison as aforesaid, either on his own behalf or for another person, in any vehicle in which food is being transported, unless the food is carried in a part of the vehicle effectively separated from the containing the poison, or is otherwise adequately protected from the risk of contamination.

(3) This Regulation shall not apply with respect to medicines.

Special Provisions with Respect to Hospitals

[The regulations relating to hospitals are dealt with in three sections, each with four subsections.]

Agricultural and Horticultural Poisons

25. (1) Every application made to a local authority for a licence in pursuance of section 30 of the Act shall be made in the form set out in the Ninth Schedule to these Regulations.

(2) A licence shall not be granted to any person unless the local authority are satisfied that he is fit, by education and intelligence, to be entrusted with the sale of the poisons.

(3) In granting licences for the sale of poisons for use exclusively in horticulture, preference shall be given to nurserymen, florists, seedsmen and other persons whose business is specially connected with horticulture.

(4) A licence shall not authorise the licensee to sell or keep open shop for the sale of poisons, except from or on premises to be specified in the licence within the area of the local authority which granted it.

(5) Before sending an application for a licence the local authority, the applicant shall send notice to the police authority of the district in which the shop or building is situate in which the applicant intends to carry on the sale of poisons of his intention to make the application. Such notice shall be in the form set forth at B in the Ninth Schedule to these Regulations.

(6) The local authority on receipt of an application for a licence shall—

(i) notify the Secretary of the Pharmaceutical Society, and

(ii) on granting a licence shall notify the Minister of Home Affairs and the Secretary of the Pharmaceutical Society. Such notices shall be in the form set forth at C and D respectively in the Ninth Schedule to these Regulations.

(7) A licence shall not be granted until after the expiration of at least 21 days from the receipt of the application by the local authority, and the local authority, before granting a licence, shall take into consideration any objections they may have received from or on behalf of the Pharmaceutical Society, or the Police.

(8) A licence shall be in the form set forth at E in the Ninth Schedule to these Regulations and unless revoked or suspended under paragraph (1) of Regulation 27 or revoked by the Minister of Home Affairs shall continue in force for one year and may be renewed from year to year. The fee payable in respect of the grant of a licence or the renewal thereof shall be 10s. (9) The licensee shall, on being required to do so by the inspector or by any officer of the local authority, or any police constable or police officer of the Royal Ulster Constabulary, produce his licence.

(10) (1) Every local authority shall keep a register as set forth in the Tenth Schedule to these Regulations, of the Licences granted by them for the time being in force, and any person, at all reasonable times, upon payment of the fee of 1s., be entitled to inspect, and to take copies of, or to take extracts from, the register.

(2) Every local authority shall, at the request of the Registrar, supply him, free of charge, with such copies of, or extracts from, the register as he may from time to time require.

(11) (1) A licence may be revoked or suspended for such term as the local authority think fit, if the local authority are satisfied that the licensee has failed to comply with the requirements of these Regulations, or that the licensee is not a fit person to be entrusted with the sale of poisons.

(2) When an order has been made by the Minister of Home Affairs revoking a licence, the local authority shall not grant a licence for the premises without first obtaining written permission from the said Minister.

(12) No licensee shall be entitled by virtue of holding a licence from the local authority under section 30 of the Act, to sell—

(a) any poison, except in a closed container as closed by the manufacturer or other person from whom the poison was obtained;

(b) any substance included in the First

Schedule to these Regulations unless the sale is effected by himself or by a responsible deputy.

In this paragraph the expression "responsible deputy" means a person nominated as a deputy on the licensee's form of application as set forth at A in the Ninth Schedule to these Regulations or any person substituted by notice in writing to the local authority for a person so nominated and not more than two deputies shall be nominated at the same time for one set of premises.

(13) In all establishments in which pharmaceutical preparations containing any poison are manufactured for the purpose of the internal treatment of human ailments, the preparation must be manufactured by, or under the supervision of—

(i) a registered pharmaceutical chemist, chemist and druggist or druggist, or

(2) a person holding the degree of Bachelor of Science (Pharmaceutics);

(3) a person having one of the following qualifications in chemistry:

(a) the Fellowship of the Royal Institute of Chemistry;

(b) the Associateship of the Royal Institute of Chemistry.

Provided that this Regulation shall not apply to the manufacture by or under the supervision of a duly qualified medical practitioner of preparations containing pituitary, suprarenal or thyroid glands, the active principles of any of those glands or the salts of the active principles of thyroid gland.

STRYCHNINE

(14) (1) It shall not be lawful to sell or supply strychnine except as an ingredient in a medicine.

Provided that this Regulation shall not apply to the sale of strychnine—

(a) by way of wholesale dealing; or

(b) to be exported to purchasers outside the United Kingdom; or

(c) for the purpose of being compounded in medicines prescribed or administered by a duly qualified medical practitioner or registered veterinary surgeon; or

(d) to a person or institution concerned with scientific education or research or chemical analysis, for the purposes of that education, research or analysis;

(e) to a person producing a written authority in the form set out in the Fourteenth Schedule to these Regulations issued within the preceding three months by the County Agricultural Executive Officer authorising the purchase of strychnine for the purpose of killing foxes so, however, that the quantity sold shall not exceed the quantity, being not more than one ounce, specified in the authority and the authority shall be retained.

(2) The person supplying strychnine in accordance with paragraph (e) of the proviso of the foregoing paragraph (1) of this Regulation shall comply with the requirements of paragraph 5 (ii) of Regulation 10 and the person to whom the strychnine is sold shall not use the strychnine for any other purpose than that of killing foxes.

(To be concluded).

CORRESPONDENCE

N.P.U. Secretary's Thanks

SIR,—May I, through your columns, say "Thank you" to the thousands of members of the N.P.U. and other friends in pharmacy who contributed towards the cheque which was presented to me last Wednesday evening (*C. & D.*, June 8, p. 722). I cannot adequately express my gratitude for this magnificent appreciation of my work during the past twenty-five years; it will encourage me to continue, as in the past, to do my utmost for pharmacists, individually and collectively. I have invested the proceeds of this testimonial in what I consider to be the most appropriate way; it has been put into the N.P.U. Business Purchase and Guarantee Fund where in addition to being an asset for me later on, it can in the meantime, I know, be of use to pharmacists. I am unable, I regret, to send any direct acknowledgement to anyone because of the large number of subscribers, but I shall always treasure the beautiful presentation album containing the names.—Yours faithfully,

London, G. A. MALLINSON, *Secretary*,
W.C.I. National Pharmaceutical Union.

Eire R.D. Conditions

SIR,—I agree with Mr. Costelloe when he thinks (*C. & D.*, May 25, p. 665) "candidates built up a state of tension for themselves before they went into the examination." On entering the examination room for the Registered Druggist examination in July 1894, with five others (purposely kept by our "crammer," the late Mr. Kelly, till five minutes before commencement) we found several candidates waiting, all in a high state of tension, some painfully so. We hadn't time to get flurried, and five of the six passed. The remedy lies with the candidates themselves.—Yours faithfully,
Waterford. R. C. CURTIS.

SIR,—On the question of a modified Licence examination for Registered Druggists, I notice that "An Old R.D." states in the course of a letter (*C. & D.*, May 25, p. 666) that "50-60 per cent. of R.D.'s are in business on their own account . . . and are all doing well." I wish the same could be said of Members of the Pharmaceutical Society of Ireland. From the Pharmaceutical Calendar, 1946, I have gleaned the following interesting facts: In a register of 331 R.D.'s, there are twenty-seven Associates—less than 8 per cent.; in a register of 1,636 Ph.C.'s there are 783 members—almost 50 per cent. At the moment

I believe there is something in the nature of a wild scramble among R.D.'s to become Associates. Why the sudden interest in the Pharmaceutical Society after all the years? Is it because they have reason to believe that the Pharmaceutical Council is going to present them with an "open sesame" to the already overcrowded ranks of Ph.C.'s? Now, Council members, whom are you under the greater obligation—the 8 per cent or the 50 per cent? How many R.D.'s voted you into office? Would like these questions answered before my next membership subscription falls due.
Yours faithfully,
M.P.S.I. (not yet N.U.T.S.)

Information about Southern Rhodesia

SIR,—At a recent meeting of the Executive of the Pharmaceutical Society of Rhodesia it was felt that this Society might be of some assistance to pharmacists who contemplated accepting positions in the Colony of Southern Rhodesia. We are therefore asking you to be good enough to publish this letter offering to answer any genuine inquiry regarding the climate, general living conditions, etc., of the Colony. It is to be understood, however, that we cannot, in any way, act as an employment bureau, nor can we give advice upon the advisability or otherwise of accepting individual positions.—Yours faithfully
Bulawayo. H. J. BRADFORD, *Secretary*,
Pharmaceutical Society of Rhodesia

Travel Handicaps to Trade

SIR,—For the adequate development of overseas trade, both "visible" and "invisible," the greatest possible freedom of travel between country and country is essential. Now that travel by air has become customary—and, indeed, in many parts of the world indispensable—international agreement on an all-round mitigation of regulations governing the issue of visas is sorely needed. It might well be accepted by all Governments that passengers by air should be regarded as "legitimate" travellers. An international conference charged with adapting international travel regulations to modern communications appears overdue, and my Council will be glad to collaborate with organisations in any part of the world with a view to convening such a Conference upon the broadest possible lines.—Yours faithfully,

ALFRED J. TOWNSEND, *Secretary*,
London, W.C.2. Institute of Export.

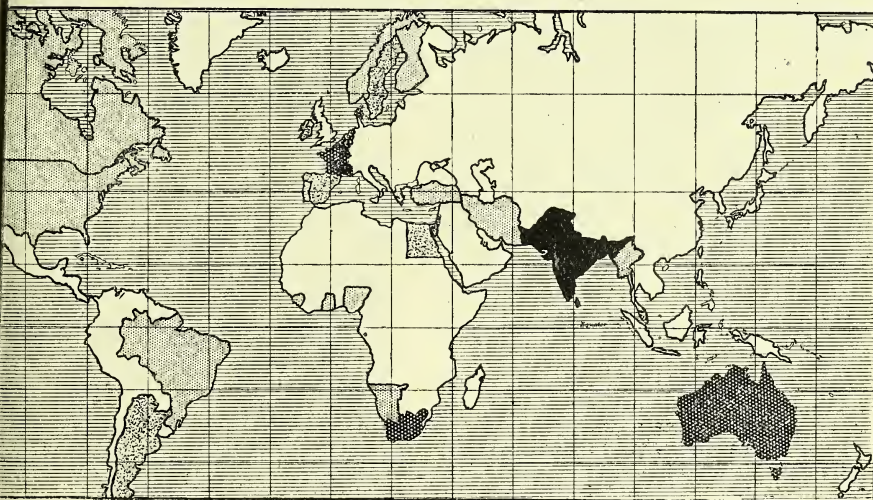
12, 1946
OVERSEAS
table below sh
British goods
chemicals, drugs,
exported during
Africa 2,436,774
1,288,238
1,245,995
1,167,490
1,047,814
943,320
832,375
503,454
788,371
662,096
660,400
635,668
598,866
422,840
377,207
376,571
371,133
368,021
350,190
347,211
308,311
Map showing

OVERSEAS TRADE IN DRUGS AND CHEMICALS

The table below shows the countries to which British goods collectively designated "chemicals, drugs, dyes and colours" were exported during the period January-

April 1946, together with the values in each instance. Where available the export figures for drugs, including proprietary medicines, are given separately (in brackets).

British India	2,436,784 (£531,411)	Portugal	284,256	Southern	
Egypt	1,288,238 (79,568)	Greece	278,622 (60,605)	Rhodesia	75,695
South Africa	1,245,905 (327,779)	Burma	270,139 (138,521)	Colombia	71,921
Australia	1,162,490 (237,343)	British West		Chile	71,360
Denmark	1,047,814 (87,657)	India Islands	261,212 (44,617)	Peru	71,261
East	923,320 (206,849)	Turkey	259,735 (79,837)	Uruguay	66,264
Antine		Finland	255,224	Poland	64,481 (23,506)
Public	832,378	Switzerland	221,956	Dutch West	
Sum	803,451 (99,990)	Ceylon	218,869	India Islands	62,900
Den	788,371 (188,828)	British		Venezuela	54,611
Ken	662,096 (19,826)	East Africa	196,610	Malta and	
Netherlands	660,400 (55,996)	Hong Kong	161,653	Gozo	52,813
British		Iraq	161,376	Mauritius	50,424
Malaya	635,668 (126,677)	Channel		Portuguese	
China	595,869	Islands	160,688	East Africa	42,116
U.S.A.	422,840	Anglo-Egyptian-		Italy	37,015
U.S.S.R.	377,207	Sudan	127,244	Germany	35,486
Zealand	376,271 (64,986)	Algeria	118,767	Iceland	27,742
British		Yugoslavia	101,784 (34,706)	Soviet	
West Africa	371,139 (123,600)	China	101,451	Union	19,829
Canada	368,024 (31,535)	British		Dutch East	
Chile	350,190	Guiana	97,115	Indies	12,344
U.S.S.R.	327,214	Czecho-		Canary	
U.S.S.R.	308,394 (14,205)	slovakia	82,007	Islands	8,284



Over
£2 millions

Over
£1 million

Over
£500,000

Over
£250,000

Map showing countries to which major quantities of "chemicals, drugs, dyes and colours" were exported from Britain during the period January-April 1946.

OVERSEAS TRADE NEWS

Philippines Coconut for U.S.—The arrival is reported in San Francisco of the first post-war cargo of dessicated coconut from the Philippines.

Argentine Sunflower-seed Crop.—The second official estimate of the 1945-46 crop of Argentine sunflower-seed is 1,002,000 tons, which is 1.7 per cent. above last year's figure.

Penicillin to Scandinavia.—The U.S. Office of International Trade announced recently that penicillin, supplies of which were more plentiful, could be exported to Scandinavia.

Brazilian Cottonseed Oil Consumption.—Brazilian consumption of cottonseed oil during 1945 totalled 43,132 metric tons, compared with 35,700 metric tons during the previous year. Monthly shipments in 1945 averaged 1,579 tons.

German Scientific Glassware Manufacture.—The British News Service in Germany states that glass for medical and scientific purposes, once virtually a monopoly of Thuringia in the Soviet Zone of Germany, is now being manufactured for the first time on a large scale in the British Zone.

Vegetable-oil Production in French Morocco.—This year's output of vegetable oil in French Morocco is estimated at about 6,000 to 7,000 metric tons against potential needs of about 45,000 tons. French Morocco is well equipped to treat imported seed and crude oil, having five pressing plants with a total annual capacity of 50,000 metric tons of oilseed. There are also six vegetable-oil refineries with an annual combined capacity of 30,000 tons of crude oil. Under present conditions, however, production both at extraction plants and refineries is far below maximum.

Australian Whaling Activities.—The Federal Cabinet Subcommittee on Whaling recently decided to endeavour, at the Washington Conference and directly with the United Kingdom and the Norwegian Governments, to obtain practical recognition of Australian rights to take part in whaling with a workable share of any quota fixed internationally. Discussions with the Western Australian Government about a proposal to establish a shore station in Western Australia were in progress and a report would be issued on any developments. The subcommittee decided against placing an order for a factory ship at the present time.

Possibility of Indian Linseed Export Quotas.—While the resumption of oil exports from India obviously depends the volume of food imports, Indian Press reports suggest that before long the Government will fix export quotas for linseed the same lines as those in operation for castorseed. It is claimed that the quantity now fixed is 53,000 tons only, but the Ministry is putting strong pressure on the Government for a further increase. Meanwhile, Indian shippers complain of arbitrary fixing of the export quotas for castorseed. It is said that 82 per cent. of the castorseed quota has been allotted to European firms while only insignificant portions have been allocated to Indian firms. Between 1939-40 and 1944-45 the production of castorseed in India has gone up from 97,000 tons to 130,000 tons while the exports over the same period have declined from 43,000 tons to 19,000 tons in seeds and 5,600 tons to 300 tons in oil.

U.S. Fats and Oils Market.—A new basic maximum price of 12½ cents per lb. has been established by the U.S. Government for its purchases of edible tallow for export, but, though this figure represents an increase of 3 cents per lb. above the domestic maximum price, it is not attractive to exporters. Pressure to meet export allocations of fats and oils generally is stimulating U.S. "black marketings" inside the country, and only a temporary alleviation of the supply position will be possible in the autumn when the new oil crops are harvested. U.S. fats and oils production from domestic materials in 1946 is now anticipated to amount to 9,250 million lb. which would be 2 per cent. below last year's figure, while the 1947 production is expected to show a reduction by 5 to 10 per cent. from the 1946 output. The U.S. 1946 export allocation of fats and oils amounts to 967 million lb. Of the total, Canada and Latin America will receive 150 million lb., U.S. territories 50 million lb., Eastern and Southern Europe (to be supplied by UNRRA) 200 million lb., France 180 million lb., and the United Kingdom 100 million lb. the balance will go to Belgium, the Netherlands, Norway, Italy, Finland and colonial territories, but 70 million lb. of the total will be reserved for final disposition by the Combined Food Board. This 1946 export allocation of 967 million lb. compares with actual U.S. exports of fats and oils of 1,030 million lb. in 1945 and 1,587 million lb. both in 1943 and 1944.

TRADE REPORT

quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary according to brand or grade.

28 Essex Street, W.C.2, June 12

During the two days of business so far this week markets have remained quiet and featureless, with price movements confined to a minimum. On the PHARMACEUTICAL CHEMICALS side, a new schedule of home market prices for OPIUM ALKALOIDS has been issued, following the general reduction in prices announced last week. Business in CRUDE DRUGS has not yet fully recovered from the effects of the May lull and there are no important price movements to record. No further information has come to hand regarding CAMPHOR, the position of which remains unchanged last week (p. 735). CARDAMOMS are exceedingly scarce and the market for all varieties is firm. Little interest has been attracted by CLOVES which are offered at an unchanged price. COLOCYNTH is scarce and rather neglected. Although prices at origin for Kordofan GUM ACACIA are moving upwards, the spot price remains unchanged. PAPAIN is tending firmer. Imported SEEDS are quiet and featureless. GURBAUBA WAX continues to command the highest prices that have characterised this market during recent weeks. The ESSENTIAL OILS position shows no change on the week. The text of a new circular issued by the Essential Oils Control is given on p. 767.

Import of Pepper

Under the system of world allocation the Ministry of Food has arranged for the importation of a certain quantity of Indian black pepper for supply to the under-mentioned Latin-American countries. This is now available, and exporters who have received firm orders from the markets concerned should make applications for export licences on form E to the Board of Trade, Import Licensing Branch, Stafford House, 100 William Street, London, E.C.4. Applications in excess of the programmes, received after July 1, 1946, cannot be considered, but no application will be decided before that date. A separate application is required for each market. The markets are as follows: Argentina, Bolivia, Brazil, Chile, Colombia, Cuba, Ecuador, Guatemala, Haiti, Honduras, Mexico, Nicaragua, Panama, Republic of Paraguay, Peru, Uruguay, Venezuela. Successful applicants should, on receipt of export licence, apply to the Ministry of

Food, Spices and Flavourings Section, Portman Square, London, W.1, for delivery of the pepper, indicating whether delivery is desired in London or Liverpool. So far as stocks permit, the Ministry of Food will endeavour to meet the wishes of buyers in the latter respect. The pepper will be invoiced at 132s. per cwt., ex wharf London or Liverpool, as the case may be, and on the following terms: (a) Delivery orders will be issued upon receipt of cheque in full settlement of invoice amounts; (b) invoices will be based upon official wharf or dock gross landed weights, less average tares, and without deduction for draft, discount or interest deductions; (c) the pepper tendered will be of fair average quality whole black Tellicherry and/or Aleppy grades at seller's option, and claims for quality will not be entertained. Packing will be in original single bags, as imported, each containing approximately 140 lb. net; (d) rent and insurance will be for account of the Ministry of Food up to and including the twenty-eighth day (including Sundays and holidays) following the date of delivery order, or up to the time of delivery of pepper from wharf, if earlier.

U.S. Drug Market Report

New York, June 6

THE tight supply position of GLYCERIN, for which little improvement in the coming months is forecast, is being reflected in the glycerophosphates. MENTHOL offerings from Brazilian sources moved higher again during the week, although the major U.S. consuming season is still several months away. Demand at the present time is very small. Synthetic CAMPHOR is in short supply while CAFFEINE is virtually unobtainable. The TARTRATES display a quiet tone; imported CREAM OF TARTAR is occasionally offered at prices slightly below the domestic product. Dullness in MERCURY resulted in a further decline in the quotation during the week. There is a good demand for CRUDE DRUGS with high replacement costs all round. Among the gums, ASAFETIDA is almost unobtainable on spot, while a good demand for TRAGACANTH has occasioned a firm tone with the better grades becoming scarce. Limited arrivals of GUM ACACIA, together with a steady call from consumers, brought about a rise in

the quotation on this commodity during the week. **TONKA BEANS** are in a rather tight supply position with no offerings from Brazilian producers yet reported. **DANDELION ROOT** is available in small quantities. Dealers are offering little **CITRONELLA OIL** pending a decision on the duty question on imported adulterated material from Ceylon.

Pharmaceutical Chemicals

ACETANILIDE.—Quoted by makers at 2s. 5d. per lb. for powder, and 2s. 6d. for crystals.

AMPHETAMINE.—Steady at 150s. per lb.

BORAX.—Ton lots are quoted as follows: B.P. quality, granulated, £38; crystal, £39; powder, £39 10s. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots.

CITRATES.—A schedule of advanced prices was given last week (p. 734).

MANDELIC ACID.—In good demand. Current quotations are as follows: 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb., 16s. 9d.; 28 lb., 15s.

METHYL SALICYLATE.—In fair supply. Smalls are quoted at 2s. 6d. per lb.; Winchester at 2s. 1½d.; 56 lb., in demijohns, 2s.; 1 cwt., in demijohns or carboys, 1s. 11½d.; 5 cwt., 1s. 11d. All prices net.

OPIMUM ALKALOIDS.—As noted last week prices have been reduced as from June 1. The following new schedule of prices current in the home market has been received from the W.D.T.A. (prices per oz. throughout):—

Quantities of	½ oz.		1 oz.		2 oz.		3 oz.		4 oz.	
	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.
Codeine										
Pure ..	51	9	49	3	47	9	47	0	46	9
Hydrochloride ..	46	6	44	0	42	6	41	9	41	6
Phosphate ..	40	9	38	3	36	9	36	0	35	9
Morphine										
Pure ..	55	3	52	9	51	3	50	6	50	3
Hydrochloride ..	46	9	44	3	42	9	42	0	41	9
Diamorphine										
Pure ..	54	6	52	0	50	6	49	9	49	6
Hydrochloride ..	50	3	47	9	46	3	45	6	45	3
Ethylmorphine										
Pure ..	57	6	55	0	53	6	52	9	52	6
Hydrochloride ..	49	0	46	6	45	0	44	3	44	0

Codeine hydrobromide and iodide, as codeine pure; codeine sulphate, as codeine hydrochloride; morphine bimeconate and tartrate, as morphine pure; morphine acetate, hydrobromide and sulphate, as morphine hydrochloride.

PHENOLPTHALEIN.—Unchanged at the following prices: Less than 7 lb., 4s. 8d. per lb.; 7 lb., 4s. 7d.; 14 lb., 4s. 6d.; 28 lb., 4s. 5d.; 1 cwt., 4s. 4d.

POTASSIUM PERMANGANATE.—Current rates are as follows: B.P. (in 1-cwt. drums), 1 cwt. and over, 1s. 8½d. per lb.; 3 cwt. and over, 1s. 8d. **TECHNICAL** (in 1-cwt. drums), 1 cwt.

and over, 166s. 3d. per cwt.; 3 cwt. and over, 161s. 9d.; 5 cwt. and over, 159s. 3d.; 1 cwt. and over, 156s. 9d.; 4 tons and over, 154s. **TECHNICAL** (in 5-cwt. drums), 5 cwt. and over, 156s. 9d. per cwt.; 1 ton and over, 154s. 3d. 4 tons and over, 152s. Terms net, carriage paid to nearest station, containers extra returnable.

PULV. BISMUTH. CO., N.F.—Current rates per lb. in the home market, in quantities of 28 lb., are as follows (containers brackets): 2s. 9d. (1-lb.); 2s. 8d. (2-lb.); 2s. 7½d. (4-lb.); 2s. 6½d. (7-lb.); 2s. (14-lb.); 28 lb., 2s. 5d.

THEOBROMINE.—Prices per lb., in quantities of 28 lb., are as follows: **ALKALOID**, B.P. 30s. 6d.; **CALCIUM SALICYLATE**, 19s. 3d.; **SODIUM SALICYLATE**, 19s. 3d.

Crude Drugs

ALOES.—Cape on the spot would be worth 150s. per cwt.; forward value is at 120s., c.

ARECA NUTS.—Dealers' spot price is unchanged at 75s. per cwt.; shipments, 55s., c.

BALSAMS.—*Canada* is quite firm on spot at 13s. 6d. to 14s. per lb.; *Peru*, steady and unaltered at 8s. 3d.; *Tolu* and *Copa* are unobtainable.

BISMUTH.—High-grade metal continues to be quoted at 9s. per lb., in minimum 5-cwt. lots.

BUCHU LEAVES.—Any available small supplies would be worth 5s. per lb.

CAMPHOR.—No change has occurred in the position as outlined last week (p. 735).

CARDAMOMS.—Scarce on the spot with price firm. Aleppy seed, spot, 8s. 6d. per lb.; Aleppy greens, 7s. 6d.; Mangalore heavy, 7s.

CASCARILLA.—Quills are priced at 3s. 3d. per lb.

CHAULMOOGRA.—Spot price of *Hydnocarpus* is steady at 2s. per lb., in tins in cases.

CHILLIES.—Quiet with Mombasa on spot at 150s. per cwt., sellers.

CINNAMON.—Small lots of chips would be worth 2s. 2d. per lb.

CLOVES.—Quiet conditions obtain, with sellers of Zanzibar on spot at 1s. 1d. per lb. shipment, June–July, 9½d. per lb., c.i.f. buyers' licence.

COCHINEAL.—Silvers are quoted on spot at 5s. 6d. per lb., and blacks at 5s. 9d.

COCOA BUTTER.—Maximum price is 1s. 5½d. per lb., ex factory or warehouse, except under licence.

COLOCYNTH.—Quiet and unchanged. *Fa* white pulp is quoted on spot at 2s. 6d. per lb.

DIGITALIS LEAVES.—Portuguese, spot, 130 to 140s. per cwt.; English, 2s. 6d. per lb.

ERGOT.—In limited compass on spot at 7s. 9d. per lb.

GUM ACACIA.—Kordofan cleaned sorts firm on spot at 77s. per cwt.; bleached 147s. 6d.; Talha, cleaned, 142s. 6d.

ENBANE.—Indian leaf is steady on the spot 260s. per cwt.; Egyptian (*muticus*) remains the higher price of 90s.

ARAYA GUM.—No. 1 Indian gum on the 200s. per cwt.

OLA NUTS.—Current spot prices are: Indian quarters, 8d. per lb.; African halves, 7d. Jamaican washed halves, 7d.

QUORICE ROOT.—Natural Anatolian, spot, per cwt.; cut, 110s.

ENTHOL.—In good demand for export. From Brazil is at 30s. per lb., f.o.b.; spot, 6d. to 33s. 6d. per lb.

UX VOMICA.—Cochin, spot, 45s. per cwt.; ment, 39s. 6d., c.i.f.; Mangalore, spot; 6d.

RANGE PEEL.—Fine-cut Tripoli, 4s. 9d. to 10½d. per lb.; Spanish quarters, 2s. 9d.

APAIN.—East African is firm on spot at per lb.

PEPPER.—Whole, not picked over or cleaned, sale to processors, is officially priced at 1s. 4d. per lb. for white pepper and 1s. per lb. for black pepper. See introduction for note on portation of black pepper.

AMENTO.—Quiet, with spot sellers at 1s. 2½d. per lb.; forward, 122s. 6d., c.i.f., buyers' price.

ULLAIA BARK.—In limited supply. Natural, 6s. per cwt.; cut, 135s., ex warehouse.

ANDARAC.—Spot supplies are obtainable at 50d. per lb.

SARSAPARILLA.—Red Jamaican is firm on spot at 3s. 3d. to 3s. 6d. per lb.

URMERIC.—Spot, Madras, quoted at 95s. per cwt.; for shipment, 85s., c.i.f., now quoted.

ALERIAN.—Belgian root may be obtained spot at 260s. to 270s. per cwt.

WAXES.—Rates for CARNAUBA continue at high levels recorded recently. Fatty grey, 1,075s. per cwt.; chalky, 1,050s.; prime yellow, 1,200; shipment, 1,175s.; grey, June-July, 995s.; prime yellow, June-July, 1,175s.; BEES.—Quoted on the market as follows: Dar-es-Salaam, spot, 315s. per cwt.; afloat and June-July shipment, 300s.; BENGUELA, spot in bond, 285s.; June-July shipment, 275s., c.i.f.; Abyssinian, June-July shipment 280s., c.i.f. OURICURI.—Spot, nominal; to arrive, 620s. per cwt., c.i.f., per cent. basis. CANDELLILLA.—Spot, nominal; arrive, June-July dispatch, 505s. per cwt., ded terms.

Essential and Expressed Oils

ANISE (STAR).—For oil outside the control scheme, 120s. per lb. is mentioned.

ASTOR.—Bulk supplies are quoted as follows: "Firsts," £82 per ton; "seconds," £80, the naked ex works.

CLOVE.—English distillers' price for bud remains at 12s. per lb.

COCONUT.—The following are the fixed prices for bulk quantities: Crude, £49 per ton; refined deodorised, £49; refined hardened deodorised, £53.

COTTONSEED.—Official quotations are as follows: Crude, £52 2s. 6d. per ton; washed, £55 5s.; refined edible, £57; refined deodorised, £58, naked ex works.

GROUNDNUT.—Bulk supplies are officially quoted as follows: Refined deodorised, hardened to 40°, £62 per ton; refined deodorised, hardened to 50°-52°, £63.

LINSEED.—Bulk supplies of crude are officially quoted at £65 per ton, naked ex works.

PEPPERMINT.—Oil outside the control scheme is offered at 130s. per lb.

Essential Oils Control

THE following circular (No. 24), dated June 6, contains instructions to approved representatives:—

Averaging of Prices—Insurance.—Under the arrangement referred to in Circular 18 there will be instances where A/Rs having insured their shipment on the basis of the cost of the oil to them, will be unable to provide the D.P.D. with an insurance certificate for the value on the basis of the "average" price. It is, therefore, requested that when allocation instructions at an "average" price are given for oil which is afloat, A/Rs whose cost price is lower shall insure the difference in value under the master cover. The premium for this additional cover will be collected from the D.P.D. A/Rs whose oil cost more than the "average" price will have insured on the basis of the cost to them. The difference between the premium paid and the premium on the "average" price recovered from the D.P.D. should be debited in the account rendered to Allocations Control in accordance with Circular 18. This procedure will apply only to goods which are afloat at the time of allocation. *Where goods already landed, i.e. arrived at first selected warehouse and off risk of marine underwriters, are allocated at an "average" price the A/R will debit the D.P.D. with the insurance on the basis of that price, the difference between the amount of premium so recovered and the amount of premium actually paid by the A/R being for account of Allocations Control.*

Averaging of Prices—Freight.—Will A/Rs please note that under the arrangement referred to in Circular 18, the actual amount of freight payable on the shipment, or on proportion thereof, is to be charged to the D.P.D. This procedure comes into force as from the date of this circular and is not retrospective.

TRADE MARKS

(From "The Trade Marks Journal,"
May 22)

- "SLEEPING BEAUTY" (words "Sleeping Beauty" disclaimed); for perfumes, lipstick, lip salve (not medicated), toilet rouge, oatmeal, creams, lotions, oils, essences, preparations for the hair, eyebrows and eyelashes and for the teeth and artificial dentures, toilet powders, waters, manicure and depilatory preparations, mouth-washes (toilet articles not medicated), perfumed sachets and bath salts (not medicated) (3). By Sandora, Ltd., Waxwell Farm House, Waxwell Lane, Pinner, Middlesex. B636,576.
- "MENACE"; for perfume, toilet water (not medicated) and eau de Cologne (3). By Evelyn Westall Co., c/o Feeny & Feeny, 15 Dominion Street, London, E.C.2. 637,973.
- "VISITEURS DU SOIR"; for toilet preparations (not medicated), perfume and perfumed soap (3). By Jean Verglas, c/o Jensen & Son, 77 Chancery Lane, London, W.C.2. 639,189.
- "SETA"; for preparations for cleaning lavatories (3). By Beacon Products, Ltd., 25 Grant Street, London, N.1. 639,585.
- "STREPPADERN"; for lotions, salves, ointments, and surgical dressings, for treatment of burns (5). By Vine's, 222-24 Harrow Road, Paddington, London, W.2. 639,418 (Associated).
- "ORAULCE"; for all goods (5). By William Melville Nicoll, Bridgnorth Pharmacy, 32 High Street, Bridgnorth, Shropshire. 639,542.
- "RIASOL" superimposed on shield device; for preparations for the treatment of psoriasis (5). By Shield Laboratories, c/o A. W. Parfitt, Stafford House, Norfolk Street, London, W.C.2. 638,640.
- "BOYMAG"; for pharmaceutical preparations of magnesium for use in treating stomach ailments (5). By Cabaray Cosmetic Preparations, Ltd., 193 High Street West, Sunderland. 637,731.
- "NOSEGAY"; for bandages, surgical dressings, sanitary towels and tampons and preparations for the treatment of nasal complaints (5). By Mary Irene Downing, 120 Park Road, Oldham, Lancs. B637,564.
- "DEO-DIS"; for deodorisers and disinfectants (5). By Canada Wax and Chemical Co., c/o H. D. Fitzpatrick & Co., 94 Hope Street, Glasgow, C.2. 639,302.
- "PROVOCAINE"; for anaesthetics (5). By Bayer Products, Ltd., 14 Waterloo Place, Pall Mall, London, S.W.1. 637,985.
- "CHORIOLAN"; for pharmaceutical preparations for use in the treatment of gonad and ovarian dysfunction (5). By Bayer Products, Ltd., 14 Waterloo Place, Pall Mall, London, S.W.1. 638,588.
- "MARFAMIDE"; for chemical substances and preparations for use in medicine and pharmacy, all being or containing amides (5). By British Schering, Ltd., 185-90 High Holborn, London, W.C.1. 638,816.

- "DISACROL"; for pharmaceutical preparations and substances (5). By Bayer Products, Ltd., 14 Waterloo Place, Pall Mall, London, S.W.1. 638,590 (Associated).
- "COPLAST"; for all goods included in class (5). By Ashe Laboratories, Ltd., 120 Victoria Street, Westminster, London, S.W.1. 638,649.
- Signature "JOHN H. HERON" and word "FROMENT" superimposed on rectangular design; for invalids' foods and diet foods, all being preparations of wheat. By John H. Heron, Ltd., Hook Road, Millers Dale, Goole, Yorks. B639,328 (Associated).
- "HEWLIX"; for pharmaceutical preparations (5). By C. J. Hewlett & Son, Ltd., 35-43 Charlotte Road, London, E.C.2. 639,392 (Associated).
- "TIVRIM"; for all goods included in class (5). By John Wyeth & Brother, Ltd., Oldhill Street, London, N.16. 639,504.
- "MUSKETEER"; for scientific, photographic optical and teaching apparatus and instruments (9). By Luminos, Ltd., 45 Bels Lane, Hampstead, London, N.W.3. 639,181.
- "EMITOME"; for electro-medical apparatus and parts thereof and fittings therefor, not being included in other classes (10). By Thomas Thirst, Cameron Road, 41 Lodge Road, West Croydon, Surrey. 639,603 (Associated).
- "SUTRON"; for suture material (10). By Imperial Chemical Industries, Ltd., Welham Road, Slough, Bucks. 639,687.

APPLICATION AMENDED AFTER ADVERTISEMENT

Specification No. 637,410 by A. Ibbetson & Co. should read "Nightlights, candle tapers."

APPLICATION AMENDED AFTER ADVERTISEMENT

Specification No. 637,405 by Godfrey Thorpe should be altered so as to read "Perfumes, lipstick, lip salve (not medicated), toilet rouge, toilet oatmeal, toilet cream, toilet lotions, toilet oils, toilet essence, toilet preparations for the hair, toilet powders, toilet waters, toilet preparations for the eyebrows and eyelashes, soap, manicure toilet preparations, perfume sachets, depilatory preparations, and bath salts (not medicated) for toilet purposes."

(From "The Trade Marks Journal,"
May 29)

- "MELROY"; for chemical substances in liquid form for repairing women's stockings (1). By Melroy Manufacturing Co., Ltd., 4 Walm Lane, Willesden Green, London, N.W.2. 636,195.
- "MAGAGRO" and "MAGATONIC"; for chemical products used in agriculture and horticulture (other than fungicides, insecticides and weed killers), manures (natural and artificial) and fertilisers (1). By Bradford Fertilizer Co., Ltd., Derwent Mills, Cockermouth, Cumberland. 638,267-68 (Associated).

HOWARDS'

B R O M I D E S

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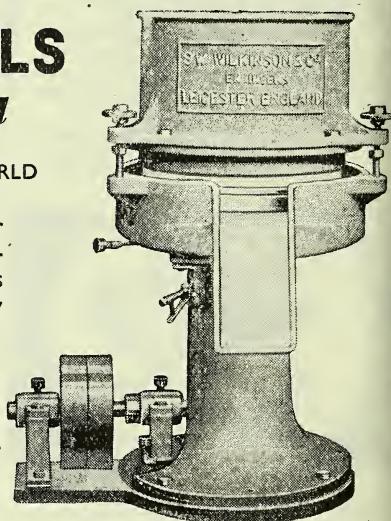
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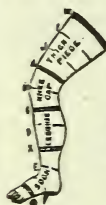
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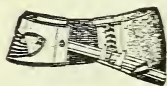
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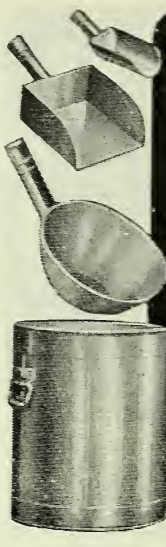
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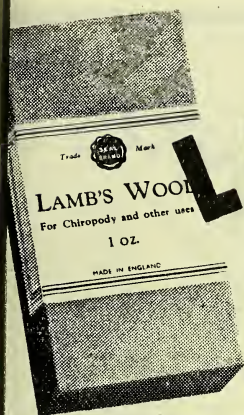
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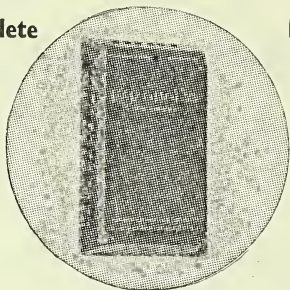
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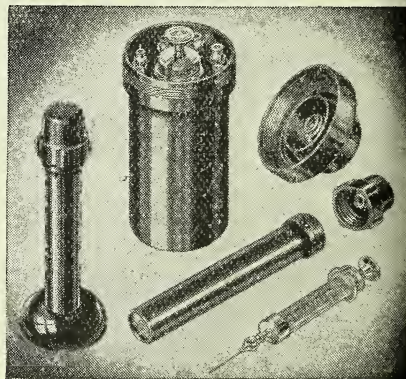
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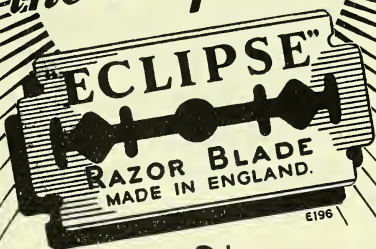
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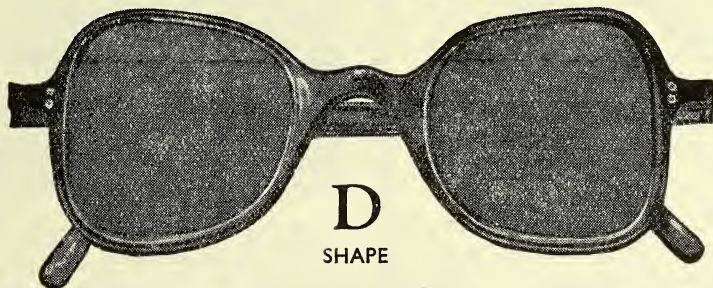


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or Water-in-Oil emulsions
of great stability

Limited quantities are now available

Please address inquiries to

ADVITA LIMITED

2 KINGSCOTE STREET, LONDON, E.C.4

ADL I-929



NEW EXQUISITE SHADES

FLAME - BRUNETTE
CHERRY - CYCLAMEN

Beauty by Request

Request is in Demand! - more and more discriminating women are appreciating the superior features of these fine quality products. Request Lipstick, in all the fascinating favourite shades. Request Shampoo Powder, for richly luxurious shampoo. Imparts life and loveliness to the hair, conditions it for easy, perfect setting! DISPLAY THEM PROMINENTLY. NATIONALLY ADVERTISED.



NOTE. Clear cellophane tube
Protects quality
hygienic, handled with
out damage.

Send for full details of generous trade terms and attractive profit margin.

ESMOREA CHEMICAL PRODUCTS LTD. 106, REGENT ST. W.

Vinecta

The
Superior Tonic
RETAIL:

5/- & 3/-
(including Tax)

Rich in medicinal and therapeutic properties, palatable and pleasant. For Children and Adults.

Recommended by Doctors and Nurses.

PROFIT PER DOZEN

Large Size 13/4
Small Size 8/-
Extra 5% for Cash in Fourteen Days.



SUPPORTED BY EXTENSIVE TALKIE
FILM AND PRESS ADVERTISING

Write for Specimen Labels of other Packs

VINECTA PRODUCTS LTD., DEWSBURY



"Glucose Confectionery
now de-zoned"

says M^r VITALITY

Simpkins Confectionery are now De-Zoned and chemists are invited to send information of the number of points available, and their position will then be explained relative to the M.O.F. Regulations and our ability to supply.



Simpkins
of Sheffield

SUPPLIES ARE STILL LIMITED



P.A.T.A.

Now that Peace has at last returned to the World we wish to extend our grateful thanks and appreciation to all our friends for their kind co-operation in the past six years of difficulty.

We shall continue to give the best service we can during the period of reconstruction and feel sure that we shall have their confidence and sympathy until such time as trade conditions become more normal.

W. T. OWBRIDGE Ltd.
The Laboratory
HULL

AT LAST IT'S HERE !
The NEW PERFECT
INSECT REPELLENT



D.M.P. EMULSION CREAM

Protection against BITES of MIDGES, MOSQUITOES, GNATS and similar insects, lasting for three to five hours. A smooth, white cream. Active principle 30% Dimethyl phthalate, as successfully used by Allied Forces in Tropical War Areas. Safe, pleasant, long-lasting effect. No unpleasant smell, no greasy film, packed 3" diameter, flat aluminium containers in dozens in attractive Display boxes. Retail price 2/- including purchase tax. Advertising to public from June. Generous terms, carriage paid. Write at once to **CHRISTIE, GEORGE & Company, 84 Moss Lane West, Manchester, 15**

ENGLAND AND WALES ONLY

Buy your

MENDAC LACQUER

direct from

MENDES MERCHANDISE COMPANY
1111, FINCHLEY ROAD, LONDON, N.W.11

PRICE 16/- DOZEN

IMMEDIATE DELIVERIES
G U A R A N T E E D

DISCOUNT 5%

Minimum Order 3 doz.

★ Write today for list of lines available.

Special trial orders for the benefit of those of you who have not stocked this line, consisting of 3 dozen assorted shades - - 45/6



Here is the larger of the more popular than the neat and trim 3/4 size. You will like the new 1/3 pack. A really good formula (A.P.C. with Piperine—perhaps the best of all A.P.C. combinations), a first-rate pack—a popular price and generous profit.

UNIVERSALLY ADVERTISED

Limited supplies of this handsome display carton are still available and will appeal to the Chemist who seeks to establish the 1/3 Price Standard. Order from your Wholesaler: 1 Display Carton (1 dozen), 1/3. Daisy Tablets at 9/6, plus Tax. (P.A.T.A.)

J. E. ELLIS LTD., HORSFORTH, LEEDS



Herts Pharmaceuticals Ltd., Welwyn Garden City

Do You know THE LITTLE CHAP?

A remarkable Scientific Formula
produces this amazing NEW Cleaner

*Today's Best Cleaner is
Today's Best Seller*



Medium and large
sizes retailing at

1/- and 1/6

Terms on
application

"LITTLE CHAP" needs little introduction to your customers. They know this amazing new product as the stain remover that knocks spots off every other cleaner. Point out how it banishes stains and smears of grease, oil, paint, tar, without a trace, without discoloration or harm to delicate fabrics. Mention that it's non-inflammable, and non-evaporating—and so more economical. Then see how "LITTLE CHAP" ensures goodwill as well as good profits!

THE
LITTLE CHAP
STAIN REMOVER

Made by
LONDON PHARMACEUTICAL LABORATORIES LTD.
24 THORNSETT ROAD, LONDON, S.W.18

BIOLOGICAL PREPARATIONS

THE QUALITY OF ALL MBL PRODUCTS IS ABSOLUTELY IDENTICAL WITH THAT OF PRE-WAR PREPARATION

because of our heavy purchases immediately before war broke out. Our stocks are still considerable and the high MBL standard will be fully maintained.

THERE IS NO SHORTAGE OF ANY OF OUR PREPARATIONS

		Retail Prices	CHEMISTS' PRICE					
			Per unit			Per dozen		
		(inclusive of Tax)	Net	+	Purchase Tax	Net	+	Purchase Tax
ANTIPEOL								
TMENT								
	4 oz. tube	6/8½	4/2½	+	8½	50/5	+	8/5
	40 gr. "	3/4½	2/1½	+	4½	25/3	+	4/3
	20 gr. "	1/10½	1/2	+	2½	14/-	+	2/4
QUID	40 c.c. bottle	3/4½	2/1½	+	4½	25/3	+	4/3
PHTHALMO-ANTIPEOL								
	gr. Nozzled Tube	3/4½	2/1½	+	4½	25/3	+	4/3
RHINO-ANTIPEOL								
	gr. Nozzled Tube	2/9½	1/9	+	3½	21/-	+	3/6
INTEROFAGOS (ORAL AND INJECTABLE)								
	Box of 50 ampoules	19/-	13/3½		None	159/7		None
	" 10 "	4/3	3/-		None	35/8		None
	" 5 "	2/6	1/9		None	21/-		None
ETENSYL								
	Box of 500 tablets	39/-	24/-	+	4/-	288/-	+	48/-
	Box of 50 "	4/5½	2/8½	+	5½	32/4	+	5/3
T. JAMES' BALM								
	Box of approx. 2½ oz.	2/10	1/11	+	4	22/6	+	3/9
	" 1 oz.	1/5	11	+	2	11/3	+	1/11
	Box	1/2	9	+	2	9/-	+	1/6

Carriage paid on all orders of 1 dozen or £1 and over.

Terms: NETT, Monthly Account.

MEDICO-BIOLOGICAL LABORATORIES LTD., LONDON, S.E.25

MISCELLANEOUS OPPORTUNITIES

CETYL ALCOHOL, superfine perfume quality available in 56 lb. and 112 lb. lots, Ex Warehouse, London.

GLYCERYL MONOSTEARATE finest grade for use in cosmetics, pharmaceutical and food products, in 1 cwt. packages, 4/- lb.

Both for Immediate delivery

Samples on application

CHEMICALS & ESSENTIAL OILS LTD.

95, Aldwych, W.C.2

Phone: Chancery 6116

EXPORT HARRINGTONS BRAND ASPIRINS
EXCEPTIONAL PROFIT
EXCLUSIVE PACK
LONDON OFFICE: 2 BERRIDGE Grn. EDGWARE

CLEARANCE SALE

Fancy gift boxes. Bath salt cartons, talc tins, ½ and 6 drm. fancy perfume bottles. Large stocks of assorted sizes to clear.

10% less than usual prices.

EDWARDS 3 St. Helen's Road, Doncaster

JARS 5,000 gross 1-oz. & 2-oz. Amber Squat Jars with screw caps available for prompt delivery.
Poplar Glassworks, Ltd. FORTRESS GROVE N.W.5

EMERY BOARDS!

Small 25/- per gross packets of 6
Medium 33/- " " " " "
Large 40/6 " " " " "
Plus purchase tax (100%)

CROSS & MAX LTD.

17/18 Bishops Court, Old Bailey, London, E.C.4

EXPORT MARKET

PERFUMES SUITABLE FOR
BAZAAR TRADE, ALSO OINTMENTS,
SHAVING CREAM, ETC.

Details and quotations on application to—

Harman Dietetic Laboratories LIMITED

109, CRICKLEWOOD BROADWAY, N.W.2

KLENFEX LABORATORIES LTD

327, Latimer Rd., London, W.10

OFFER for immediate delivery

D.D.T. 80/84%

5, 10, 15, 20% Dusting Powder
and 5% Water Miscible Spray Powder

MANUFACTURING chemists in France seek contacts with British firms able to organise sales, visit medical profession, etc. for high class ethical products. Commission basis.

Write for details:

J. L. Evans, 92, rue Bobillot, Paris 13, France

'AMBROSIA' Hairpins

2" BRONZE. Retail 6d. per pkt.
(63 in pkt.) Price 16 pkts. 4/8d.
including P. Tax. Wholesale &
Export Enquiries Invited.

Keenedge Ltd.
18, Waltham Avenue
London, N.W.1

PRE-WAR WRAPPINGS

WANTED Government Standard Sweetening Tablets, also Government Standard Saccharin Tablets, in large quantities.

970/254 C. & D. OFFICE

500,000 MAG. HYDROXIDE TABLETS for Sale.

OFFERS TO 100/102 C. & D. OFFICE

Firm of Tablet Manufacturers

are now able to undertake the manufacture of SACCHARINE, ASPIRIN, or other small size tablets from customers' own materials. Prompt delivery bulk or packed.

Enquiries in first place to:

W. PEARCE 143 ENDIKE LANE HULL

PASTELLE PUFFS LTD.

Actual manufacturers offer direct to the retail trade only, powder puffs of super quality in full colour range. We will post by return samples and particulars, on receipt of 11/3 cash, or call

11, CAMDEN HIGH ST., LONDON, N.W.1

TELEPHONE: EUSTon 4906.

The CHEMIST AND DRUGGIST SUPPLEMENT

JUNE 15
1946

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C. 2

Revealing restrictions and heavy demand on space necessitate the holding over of a number of advertisements week by week. As normal press days are in abeyance advertisers are advised to send instructions as early as possible. Advertisements must be prepaid. Box Office Numbers 1/- extra.

SITUATIONS OPEN

For 40 words or less, 2d. for every additional word.

RETAIL (HOME)

LADY Assistant, either qualified or unqualified, is required for a good-class pharmacy. Mainly dispensing, but a good counter hand would be considered. Please reply with usual particulars to De Peare, 14 Highbury Park, London, N.5.

CHEMISTS' Assistants (Ladies) wanted for Clerical work in the N.H.I. checking bureau stock pricing departments. Apply, National Pharmaceutical Union, 4-5, Queen Square, W.C.1.

GILLINGHAM Co-operative Society Ltd. require the services of a qualified Pharmacy Branch Manager. Position permanent with good prospects. Pension scheme in operation. Apply, stating qualification, experience and salary required, to June 22, to Managing Secretary, Gillingham Co-operative Society Ltd., King St., Gillingham, Kent.

CRSEY, Channel Isles. Qualified Male Assistant. Permanent. Start July/August. Dispensing counter. High-class business. Age, height, references, photo necessary. State salary required. de Faye, Ltd., Chemists, David Place, Jersey.

LEEDS. Pharmacist urgently required as branch manager. Full control under supervision of senior only. Permanency and good salary offered capable person able to start immediately. Lionel by Ltd., 261 Dewsbury Road, Leeds, 11. Phone: 466.

LONDON, W.9. Pharmacist required as Superintendent for busy middle class business. Quick counter trade. Lady or Gentleman. Permanency. Must be congenial and easy to work with. Half-day Saturday. No Sunday duty. Could wait for suitable applicant. Please apply stating salary required. 213 C. & D. Office.

MANAGER for South-West London Branch (Lambeth Area). Living accommodation available. Apply 100/134, C. & D. Office.

P.S. and two Chemists Assistants required for new department to be opened in large departmental store in the Midlands. Write giving particulars of qualifications and experience, 294, C. & D. Office.

QUALIFIED Assistant required for part-time; also Pharmacist for laboratory and dispensary work. Apply, Manager, Allen & Hanburys, Ltd., 100, Strand, W.1.

QUALIFIED Manager. Also Senior Unqualified Assistant wanted. West End pharmacy reopening. Write 102/184, C. & D. Office.

QUALIFIED Assistant wanted for a good class business. Give full particulars and salary required. Williams & Smith, Chemists, Horsham.

QUALIFIED Assistant in small busy main road pharmacy wanted immediately. Excellent salary offered, moderate N.H.I. North Staffs town. 3/227 C. & D. Office.

C. JOHNSON, LTD., Chemists, Grimsby, require a young Gentlemanly Assistant, preferably Qualified, for high-class Pharmacy. Excellent opportunity to gain modern experience. Knowledge of photography an advantage.

SHEFFIELD. Unqualified female assistant, 20-23 years old, required for high-class residential business. Permanent and progressive post for conscientious girl. Usual details and salary. 103/229, C. & D. Office.

STICKLAND & CO. have a vacancy for a dispenser and counter assistant, male or female. High-class business, easy hours. Apply B. R. Wilkinson, c/o above, 41 Thurloe Street, S. Kensington, S.W.7.

WANTED, South, near Brighton, Coast, qualified lady with view to turning good-class drug stores into pharmacy. Good position for right person, who would be given free hand to work in her own way. Age immaterial. Write 103/235 C. & D. Office.

WIGAN. Splendid opportunity presents itself for capable and efficient qualified Lady Assistant in Pharmacy on main road. Good salary and exceptionally good commission offered. If satisfactory an interest in the business will be given gladly. 101/153, C. & D. Office.

LOCUMS WANTED

QUALIFIED Locum, June 24th to July 6th inclusive. Apply Co-operative Society Limited, 23 High Street, Horbury.

RETAIL (OVERSEAS)

WEST AFRICA. A permanent and progressive career is offered to qualified chemists and druggists (English Certificate only). Commencing salary £500 to £600 per annum according to age. Separation and children's allowances to married men. Tour of 21 months' duration, 4½ month's leave on full pay. Free passages, furnished quarters, medical attendance and membership to pension fund. Write full particulars to Box 1174, c/o Charles Barker & Sons, Ltd., 31 Budge Row, London, E.C.4.

WHOLESALE

A well known Company requires several representatives for Medical and Pharmaceutical propaganda. Pharmacists are required for these positions. Applicants must be men of energetic personality. Complete training will be provided. Good remuneration on a progressive basis to the right men. 103/230, C. & D. Office.

EXPERIENCED Table Coater required by Manufacturing Chemists in West London. Five day week, wages £7 10s., excellent prospects. Applications, with references, to Box 112, Smiths', 100 Fleet Street, E.C.4.

JOHNSON AGENCIES (PROPRIETARIES) LTD., 86 Clarendon Road, West Croydon, Surrey, require Representative for London and Home Counties. Good prospects. Salary, commission and expenses.

JOHNSON AGENCIES (PROPRIETARIES) LTD., 86 Clarendon Road, West Croydon, Surrey, require Representative for Wales. Good prospects. Salary, commission and expenses.

LONDON Manufacturers producing articles of interest to grocers, chemists, etc., wish to hear from Manufacturers' Agents and individual Representatives calling on multiples and wholesalers. Applicants must have established connexions, and must be capable of producing good results with lines in steady demand. Details of area covered and lines carried to 102/198, C. & D. Office.

MAN experienced in manufacture of medicated pellets, cachous and pastilles, for South Wales firm. Reply giving full details to 103/217, C. & D. Office.

MEDICAL Representatives with pharmaceutical qualification not over 35 years of age required by firm of Manufacturing Chemists (Ethical Products) for various parts of England. Applications from Service personnel in early release groups will receive consideration. 104/237, C. & D. Office.

OLD-ESTABLISHED British firm of Manufacturing Chemists require a Salesman (Irish) resident in Belfast to sell their Nationally advertised products to Chemists in Northern Ireland. Experience not necessary, but must have enthusiasm and the ability to work. Permanent and progressive post. Salary, commission and expenses. Write in detail to 103/232, C. & D. Office.

OLD-ESTABLISHED Chemical House, South Coast, organising New Sister Toiletory & Perfumery Co., has opening for an experienced Technical Formulator (qualified or unqualified), or would purchase suitable tried and proved guaranteed formulae with occasional expert analytical control supervision. Outstanding specialities only are of interest. 102/173, C. & D. Office.

PHARMACIST required for London Manufacturing Chemists, with experience of Galenical Manufacture. Apply 103/219, C. & D. Office.

PROCESS worker for manufacture Pharmaceutical Products. 5-day week. May, Roberts & Co. Ltd., Springfield, Upper Clapton, London, E.5.

QUALIFIED Chemist to take charge of Wets and Drys Department of well-known Manufacturing and Export Chemists. Preference to one having similar experience, including packaging, order assembly, staff control and sales organisation. Mr. Marlowe available to callers at Howard Hotel, Norfolk Street, Strand, London, W.C.2 from 10.30 to 12 noon and 3 p.m. to 9 p.m. on Friday June 21st, 1946. Written applications to 103/211, C. & D. Office.

REPRESENTATIVE required, must have sound connexion Chemists, Co-op. Societies and Departmental Stores to carry nationally advertised preparations covering Lancashire and Cheshire. Good salary and expenses paid to the right man. Apply 103/223, C. & D. Office.

REPRESENTATIVES calling on chemists, hairdressers, department stores, etc., required to cover most of England, Scotland and Wales. Must have entree already and be carrying several other lines so as to help with expenses. Good smart line—semi-toilet goods, semi-cosmetic. Rapidly expanding business, stocks available. Only sound men (or women) with good reputable connexions entertained. Box No. 348, c/o Poofs, Aldwych House, London, W.C.2.

REPRESENTATIVE (M.P.S.) required by old-established Manufacturing Chemists for East Anglia. Young man, resident Cambridge or near, preferred. 101/153, C. & D. Office.

REPRESENTATIVE required, by manufacturers of ethical pharmaceutical preparations, in London and Home Counties N. of Thames. Established connexion amongst chemists essential; salary, expenses and commission. 101/165, C. & D. Office.

REQUIRED by well-known firm a first-class Cosmetic Chemist prepared to go out to Sydney and to do a preliminary training in this country. Age 30-35 years. Good salary and prospect of advancement. Only British subjects need apply. Write 104/238, C. & D. Office.

REPRESENTATIVES required. England, S. land and Wales for lines suitable for Chemists and hairdressers. Good commission. 103/ C. & D. Office.

REPRESENTATIVES required to call on Chemists and Stores. Previous experience essential. Write for personal interview to Sales Manager, Manella Ltd., 221 Goswell Road, London, E.C.1.

SALESMAN required on commission basis to part expenses for wholesale and retail store economy products, repeating lines with wide applications, general household, factories, hospital and agricultural. Write "Slip," 95 Viet Street, St. Albans.

STORES Manager required in large pharmaceutical and fine chemical manufacturing works London, to control stores of bulk raw material packaging materials and finished stocks of drugs, chemicals. Thorough knowledge of modern stock-keeping methods essential. Experience in pharmaceutical trades also desirable. Apply stage, experience and salary required to W. Manager, The British Drug Houses, Ltd., Grafton Street, N.1.

TRAVELLERS with established connexion amongst Chemists in the following Counties: Bedford, Cambridge, Derby, Hertford, Huntingdon, Lincoln, Norfolk, Northampton, Suffolk, Cheshire, Islands, required for sale of well-known line on commission basis. Write giving full particulars to C.D., c/o Lessel Hutcheon Ltd., 24/25 New B Street, W.1.

WELL known firm of manufacturers of pharmaceutical preparations requires the services of a representative for India. Applicants must have had similar experience in India and be capable of organising and controlling other representatives, some of whom will be native Indians. Apply stating experience, and salary required to 103/209, C. & D. Office.

YOUNG Pharmacist required for small manufacturing Pharmaceutical Laboratory, Midland. Apply stating age, any experience, and salary expected to 103/226, C. & D. Office.

WHOLESALE (OVERSEAS)

INDIA. Parke, Davis & Co. require two or three young, unmarried, healthy, energetic pharmacists, for training as the firm's representatives in India. The opportunities for advancement excellent. Apply by letter only, to "India Dep" 50 Beak Street, London, W.1.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word

RETAIL (HOME)

LADY Dispenser (Hall) seeks Employment Overseas. Five Years Pharmacy experience. 103/2 C. & D. Office.

UNQUALIFIED, served Articled Apprenticeship 4 years, and 6 years army dispensing during war. Qualified optician, F.N.A.O., O.B.A.C. Desires position as dispenser and optician where optical qualification could be fully utilised. 103/233, C. & D. Office.

WHOLESALE

DEMOBILISED Naval Officer (Inter B.Sc.) seeks part-time employment whilst completing 1st Degree. Would be willing to undertake routine analyses or similar work either at clients' premises, or in private, well-equipped laboratory which he has access. Commence early June 1946/340, C. & D. Office.

GENERAL Sales Manager, desires change, practical experience of Sales Management, Marketing potentialities, General Business Management, Sales Promotion ideas. Outside Sales Experience. Knows throughout Great Britain by Chemist and Allied Trades. Wholesale and Retail. Co-operative Societies and Multiple Stores. 103/236 C. & D. Office

N with many years experience stock control, packing, dispatch, home and export, transport, of staff, male and female, getting maximum of good knowledge of modern methods of manufacture. At present assistant to works manager. Are desired. 103/212, C. & D. Office.

PRESENTATIVE, established connexion Chemists, Stores, Co-ops., etc., seeks house of e. Durham, E. N. Yorks, Lancs. Salary, common, expenses. Details 102/188, C. & D. Office.

PRESENTATIVE for Sundries calling regularly on Retail Chemists and Druggists and Trades in London, Surrey, Kent and Sussex (or Counties if possible), seeks additional lines on mission only. Keen and active man with own wishes to contact reputable firm. 103/210, D. Office.

SPECTABLE young man (N. Ireland), age 26, nine years experience in retail pharmacy, qualified, desires position with reputable house as representative in Eire or N. Ireland. 103/223, C. & D. Office.

WANTED

for 36 words or less, 2d. for every additional word.

GOOD price offered for Cameras, Enlargers and all Photographic Apparatus, Exposure Meters, Lenses, good Binoculars, Microscopes, Cinecameras and Projectors, prompt cash. Wallace Brown, Ltd., 127, New Bond Street, London, W.1.

TOMATIC Cream Filler wanted at once; big price paid. Shavex Co., Bavaria Road, Holloway, N.19.

POURABLE Sheet and Powdered Gelatin required in large quantities. 965/970, C. & D. Office.

REQUIRED. Analytical Balance. Please give full description and price. 103/218, C. & D. Office.

REQUIRED for Export Packing up to 5,000 each 20-ozs. Corked, Narrow Mouthed Bottles, 32-ozs. Also small quantities of other sizes. Offers to 149, C. & D. Office.

HEARIC Acid Triple Pressed required in large quantities. 965/969, C. & D. Office.

BLETT Bottles. Sizes 3, 4 and 5. With or without caps. Any quantity. Cash waiting. 142, C. & D. Office.

ANTED. 550 Saccharin Powder. Any quantity taken. Good price offered. 972/328, C. & D. Office.

ANTED. 550 Saccharin Powder. Any quantity taken, also bulk supplies Saccharin and Tablets. Replies to W. Pearce, 143 Endike Street, Hull.

ANTED. Quick Dispensers No. 2 size for dispensing powders 8 to 11 grains. Either all metal or glass tube type as imported before the war. quantity purchased. Chas. R. Horner & Co., Manufacturing Chemists, Horsforth, Leeds.

ANTED Urgently. Faulty Latex sheaths, mixed quality and quantity. Please send me immediately to 102/182 C. & D. Office.

ANTED 8 oz. screw top bottles or jars complete with cap in any quantity. Household Products (Armley) Ltd., Thornton Grove Works, Leeds, 12.

ANTED by Manufacturer, 1/2 oz. and 1 oz. bottles, washed or unwashed, partly for export, any quantity. 103/222, C. & D. Office.

ANTED. Offers of Japan Wax and Batu Damar. Large or small quantities. Reply stating quantity and price. 193/214, C. & D. Office.

ANTED. Plain Medicals, 8-oz. ribbed Ovals, 2 1/2-oz. Panels; divided Cartons to hold any of these. Samples and prices to S. Tatlow & Co., Ltd., Kingston, Sheffield.

ANTED. 6 OZ. and 13-oz. Wine or Champagne Bottles required. 625/524, C. & D. Office.

ANTED. GROSS 1 1/2 oz. bottles wanted. Offers to Nu-Organic Remedies Ltd., 192A Broad-Gate Gardens, N.W.6.

APPOINTMENTS

ASSISTANT PHARMACIST wanted. Salary £320 per annum. Apply stating experience and giving names for reference to the Secretary, West Suffolk General Hospital, Bury St. Edmunds.

CITY OF MANCHESTER

PUBLIC HEALTH DEPARTMENT.

APPOINTMENTS OF CHIEF PHARMACIST WITHINGTON HOSPITAL AND INSTITUTION

AND

PHARMACIST—MONSALL HOSPITAL FOR INFECTIOUS DISEASES.

Applications are invited for the following appointments:—

(a) **CHIEF PHARMACIST** at Withington Hospital (adult, general = 1150 beds) and Withington Institution (1200 beds), West Didsbury, Manchester, 20.

Candidates must possess the qualification of "Pharmaceutical Chemist" as recognised by the Pharmaceutical Society of Great Britain and have had wide experience in the work of a hospital dispensary.

The basic annual salary scale commences at £505 and rises to a maximum of £535 together with temporary cost-of-living wages addition amounting at present to £60 in the case of a male officer and £48 5s. 0d. in the case of a female officer, subject to the Manchester Corporation conditions of service.

(b) **PHARMACIST** at Monsall Hospital for infectious diseases (600 beds), Newton Heath, Manchester, 10.

Candidates should possess the qualification of "Pharmaceutical Chemist" as recognised by the Pharmaceutical Society of Great Britain and preferably, have had experience in the work of a hospital dispensary.

The basic annual salary scale commences at £305 and rises by three increments to a maximum of £340 together with a temporary cost-of-living wages addition amounting at present to £60 in the case of a male officer and £48 5s. 0d. in the case of a female officer, subject to the Manchester Corporation conditions of service.

Full information, details of duties and forms of application may be obtained from the Medical Officer of Health, Hospitals Administration Section, P.O. Box No. 399, Town Hall, Manchester, 2, by whom all applications must be received not later than July 27, 1946. Endorse inquiries—"Chief Pharmacist—Withington," or "Pharmacist—Monsall," according to the appointment sought.

Canvassing in any form, oral or written, direct or indirect, will be a disqualification.

The salary scales applicable to these appointments may be reviewed in the event of the Corporation adopting National salary scales.

Town Hall,
Manchester, 2.
June 5, 1946.

PHILIP B. DINGLE,
Town Clerk.

SURREY COUNTY COUNCIL

ST. HELIER COUNTY HOSPITAL, Wrythe Lane, Carshalton.

LOCUM SENIOR ASSISTANT PHARMACIST, 8½ guineas p.w. inclusive.

LOCUM ASSISTANT PHARMACIST, 7½ guineas p.w. inclusive.

Applicants must possess M.P.S. or Ph.C. qualification.

Apply to Medical Superintendent.

CITY OF NOTTINGHAM

HEALTH AND SOCIAL WELFARE COMMITTEES. DISPENSER.

APPLICATIONS are invited for the appointment of Assistant Female Dispenser (Apothecaries Hall qualification) for duties at the City Hospital and Out-Relief Dispensaries, as required.

Salary at the rate of £220, rising by annual increments of £10 to £270 (inclusive of war bonus).

Knowledge of shorthand and typewriting would be an advantage.

Applications to be made to the Chief Pharmacist, City Hospital, Hucknall Road, Nottingham.

J. E. RICHARDS,
Town Clerk.

The Guildhall,
Nottingham.
June 7, 1946.

SURREY COUNTY COUNCIL

ASSISTANT PHARMACISTS at:—
ST. HELIER COUNTY HOSPITAL, Wrythe Lane, Carshalton.
BOTLEYS PARK HOSPITAL, Chertsey.
ST. LUKE'S HOSPITAL, Guildford.
Must possess M.P.S. or Ph.C. qualification. Commencing salary on grade £320 + £15—£400 p.a. inclusive. Apply to Medical Supt. of appropriate hospital.

BUSINESS OPPORTUNITIES

12/6 for 36 words or less, 2d. for every additional word.

CHEMICAL Plant. Capacity available for all types of chemical plant. Prompt attention to inquiries. 971/278, C. & D. Office.

PACKING facilities available in Willesden Green area. Any powder material. 50 gross of cartons per week, contract required. 103/215, C. & D. Office.

TABLET Manufacturers. London firm of Manufacturing Chemists with ample accommodation would like to come to suitable arrangement or would purchase outright a tablet-making factory. 101/155, C. & D. Office.

TWO Toilettry Companies (Ltd.), Dorset, completely closed down last 6-7 years, now about to reopen, have considerable stocks jars, bottles, perfume bases, oils, spirits, talcs, range of registered trade marks for specialities. Office organisation and temporary premises with small plant. B. of T. Licence and quota. Require capable production chemist, or would amalgamate with or purchase other small high-class going concern. 102/179, C. & D. Office.

AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

AGENTS wanted to sell attractive brass lipstick containers; push-up type, on commission basis. Apply 973/354, C. & D. Office.

DDT Insecticide (special brand). Well-introduced agents or distributors required for London and other areas. Apply for details to 103/231 C. & D. Office.

LONG Established Agent wishes to represent some good firms. First-class references. W. Lieberg, 49 Northwick Avenue, Kenton, Harrow, Middlesex. Phone: WORDSWORTH 2414.

OLD-ESTABLISHED London House with Travelers covering Wholesale Grocery Trade throughout the country desirous contacting manufacturers of Lemonade Powder and similar lines. Write in confidence to 100/125, C. & D. Office.

"RUBBERCRAFT," Specialist Repairers of I water bottles, &c. (pre-war rubber or synthetic issues) require active Agents for operating Service Branches. Interesting sideline complementing sales. Monthly deliveries arranged. Inquiries Secretary, 6 Park Court, Hampton Wick, Surrey

EXPORT TRADE

AGENCY or Distributorship in India of products saleable through Chemists and Druggists desired by United Medical Stores, Ltd., 16 Bond Lane, Calcutta. Telegraphic address, "Unimedis Bankers, Mercantile Bank of India, Ltd. Refer from May & Baker, Ltd., Dagenham, London. Burgoynes Burbidges, Co., Ltd., East Ham, London. Dakin Bros., Ltd., 44-50 Southwark St., London, S.E.1

ETABLISSEMENTS Docteur Tebbi, Nas Khosrow, Saraye Rowchan Teheran, Iran wish to contact manufacturers of all Chemical & Pharmaceutical Products and Photographic goods with a view of representations and exclusive Agency References The Imperial Bank of Iran Teheran & Bank Melli Iran Teheran, Iran.

EXPORTERS to, and Buyers from, Mediterranean countries are invited to correspond re future arrangements. All Pharmaceutical and Toilet linen soft drinks, sundries, etc., handled. 100/129, C. & D. Office

TO ALL THE LEADING MANUFACTURERS We desire to buy in big quantity Liver Extract and Vitamin Products in Oral and Injectable form. Please communicate with samples and price in detail to Maniar Trading Corporation, Post Box No. 50 Bombay No. 9 (India).

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less.

FOR disposal in 100 gross Lots, 1000 gross 44 mm. Black Enamel Screw Caps and Wads for Cream Jars. 3s. 4d. per gross delivered England nett cash with order. Kaputine Ltd., Hollinwood Lanes.

FOR disposal, 1 Manesty Rotary Table Machine "D" type A.C. 440 Volts complete with set punches and Dies, 1 Holland Mixer, 2-cwt. capacity, and 1 Gardner Mixer, complete with motor A.C. 230 volts, single phase, capacity approx. 150 lb. Model 5. E. Willcox, 1 Mythop Road, Lytham.

FOR Sale 60 gross 2-dram Glass Bottles. 103/215, C. & D. Office.

HOSPITAL Pack, "Elastikon," 3 in. by 5 yd. Each in individual packs in minimum quantities of six dozen at 20s. 0d. per dozen, delivered free. 103/221, C. & D. Office.

MANUFACTURER has for disposal 15 cwt. Pulverised Acif Boric B.P., 1 cwt. Phenacetin B.P., 1 cwt. Aspirin B.P., 1 cwt. Lactose B.P., 46 lb. Codeine Phos. Offers are invited for the whole or separate lots. 103/224, C. & D. Office.

NEW and unused Pascall No. 0 Air Sifter, suitable for all types of powder sifting. Output 1 cwt. per hour. Price complete with all fittings, £13 10s. 0d. 103/225, C. & D. Office.

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